

Math-Magic

Pawl-IV Mathematics Zirlai Bu



Prepared & Published by
State Council of Educational Research and Training
Mizoram

Prescribed for use as a textbook in Mathematics for Class IV by the State Council of Educational Research and Training (SCERT), Mizoram, Aizawl

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THE CONSTITUTION OF INDIA

PREAMBLE

WE, THE PEOPLE OF INDIA, having solemnly resolved to constitute India into a ¹**[SOVEREIGN SOCIALIST SECULAR DEMOCRATIC REPUBLIC]** and to secure to all its citizens :

JUSTICE, social, economic and political;

LIBERTY of thought, expression, belief, faith and worship;

EQUALITY of status and of opportunity; and to promote among them all

FRATERNITY assuring the dignity of the individual and the ²[unity and integrity of the Nation];

IN OUR CONSTITUENT ASSEMBLY this twenty-sixth day of November, 1949 do **HEREBY ADOPT, ENACT AND GIVE TO OURSELVES THIS CONSTITUTION.**

1. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Sovereign Democratic Republic" (w.e.f. 3.1.1977)
2. Subs. by the Constitution (Forty-second Amendment) Act, 1976, Sec.2, for "Unity of the Nation" (w.e.f. 3.1.1977)

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An lehkhahu min hmantirtu NCERT chungah lawm thu ka sawi a, an zirlai bute hman phalna (copyright) leh Mizo tawnga lehlin phalna bakah kan ram mil tura siam danglam phalna min pek avangin a lawmawm em em a. RTE Act leh National Curriculum Framework 2005 te ngaihpaawimawh hre reng chungah zirlaibute taima taka buatsaihtu, mi thiam leh ka thawhpuite chungah lawmthu ka sawi a.

Class IV & V zirlai naupangte hman tur zirlaibute hi ka thawhpui zirtirtute leh zirlai naupangte hman turin lungawi tak leh chhuang takin ka hlan a. A buatsaihtuten naupangte tana zir nuam zawng tak tura an buatsaih te chu, zirlaiten nuam ti takin an zir ngei ka beisei.

Aizawl
7th November, 2025


CAROLINE ZORAMTHANGI
Director, SCERT
Mizoram: Aizawl



CONSTITUTION OF INDIA

Part IV A (Article 51 A)

Fundamental Duties

Fundamental Duties – It shall be the duty of every citizen of India —

- (a) to abide by the Constitution and respect its ideals and institutions, the National Flag and the National Anthem;
- (b) to cherish and follow the noble ideals which inspired our national struggle for freedom;
- (c) to uphold and protect the sovereignty, unity and integrity of India;
- (d) to defend the country and render national service when called upon to do so;
- (e) to promote harmony and the spirit of common brotherhood amongst all the people of India transcending religious, linguistic and regional or sectional diversities; to renounce practices derogatory to the dignity of women;
- (f) to value and preserve the rich heritage of our composite culture;
- (g) to protect and improve the natural environment including forests, lakes, rivers, wildlife and to have compassion for living creatures;
- (h) to develop the scientific temper, humanism and the spirit of inquiry and reform;
- (i) to safeguard public property and to abjure violence;
- (j) to strive towards excellence in all spheres of individual and collective activity so that the nation constantly rises to higher levels of endeavour and achievement;
- (k) who is a parent or guardian, to provide opportunities for education to his child or, as the case may be, ward between the age of six and fourteen years.



MATH-MAGIC

He lehkhabu chhunga awmte

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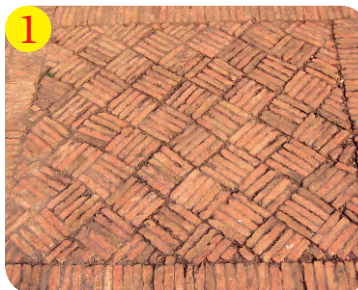
1 Brick Hmanga Din

Jagriti sikul tâna brick ziarâng

Jagriti sikul hi Murshidabad (West Bengal) a awm a ni a. Sikul sak a nih dawn khan a sikul bang leh chhuatahte chuan brick-a ziarâng hrang hrang siam tum a ni a. Chumi atân chuan mistiri Jamaal-a, Kaalu-a leh Piyaar-a te an chhawr a. An ni chuan sikul building atân tha tur an hriat theih nân an thiante nen thlan hlui tak Murshid Kuli Khan-a thlan chu en turin an kal a. (Thlalak en rawh)



He thlan hian chhuat zau tak a nei a, chhuatah chuan brick ziarâng hrang hrang sanghni vel zet hmuh tur a awm a. Chûngte chu tun hma kum 300 vel kal taa mistiri-te siam an ni.



Heng chhuat pangaa brick an rem dan hi en teh.



Eng ziarâng hi nge nalh i tih ber? _____

Heti ang ziarângte hi hmun dangah i hmu tawh ngai em?

Mistiri-te chu phûr takin an lo kir a. Jamaal-a chuan, "Eheu! Khang hun lai khan brick-in ziarâng chi hrang hrang an lo va siam hnem ve le, kan lo theih nghilh vek tawh a nih hi! Hawh u, he sikul chhuatah



hian brick-in ziarang nalh tak tak i siam ve ang u," a ti a.

Mistiri tin chuan ziarâng hran ðeuh chu an siam ta hlawm a. Sikul neitute chuan an sikul building chu mawi an tiin an chhuang hle. Naupangte pawh sikulah chuan nuam ti takin an infiam ðhin a, ziarang tharte pawh an siam ve ðhin.





- ❖ Eng ziarâng khi nge a biala siam ni a?
- ❖ Eng ziarâng khi nge a lai taka phela inang chia?

A phelna lai tur rin rawh.

- ❖ Chhuat atan ziarâng thar siam ve rawh.

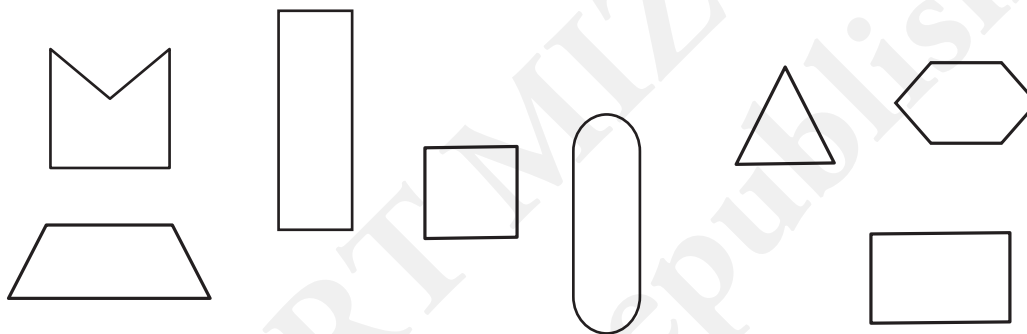
Brick lem ziah dan?

Hêng thlalâk pahnihte hi brick pakhat thlâ an ni a.

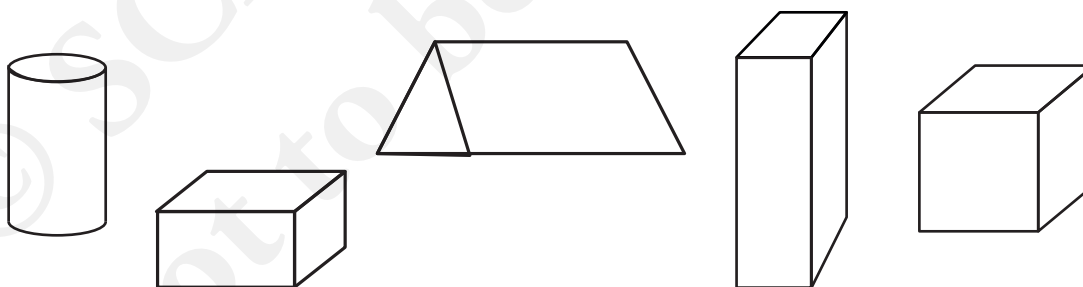
Thlalâk pakhat zawka brick **hmai** pakhat chiaa a lan laiin a dangah erawh hi chuan a hmai pathum a hmuh theih thung. A hmai pathum lanna thlalak zawk hi thai bial rawh.



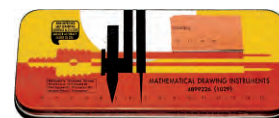
- ❖ Brick hian a vaiin hmai eng zat nge a neih? _____
- ❖ A hmai zingah hian square pianze nei a awm em?
- ❖ A hmai tê ber lem ziaak rawh.
- ❖ Hêngahte hian brick hmai ni thei engte hi nge? Thai (✓) rawh.



- ❖ A eng hi nge brick lem? Thai (✓) rawh.



- ❖ He lem hi a hmai pathum lang turin ziaak rawh.
- ❖ A hmai pali tilangin brick lem i ziaak thei ang em?



Bang chim lo tur

Ni khat chu Muniya-i leh Zainab-i ten infiam nan brick hmangin bang an siam ve ve a. An siam dan erawh a inang lo va.



Zainab-i



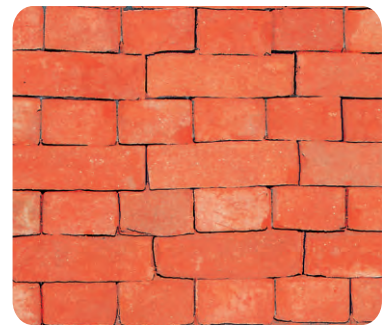
Muniya-i

Zainab-i chuan a bang siam chu a tlûk mai loh tur thu a sawi a. Mistiri-te pawhin Muniya-i brick rem ang hi chuan an chherchhuan tawp ngai lêm lo. Eng nge i ngaih ve dân? Eng bang khi nge nghet zâwk ang?

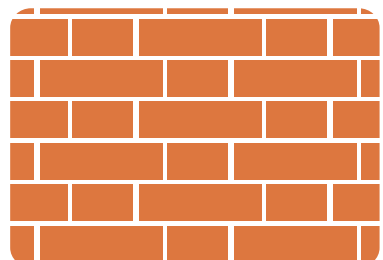
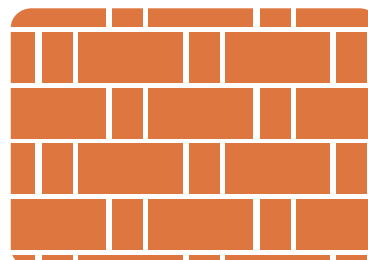
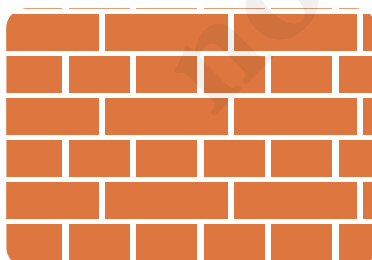
Bang rem dan chi hrang hrang en kual teh.

Bang rem dan ziarâng hrang hrangte.

❖ Hêng thlalâkte hi brick-a bang rem chi hrang pathum an ni. Brick rem dan inan lohna i hmu thiam em?



❖ A chung a thlalâkte leh a hnuaia a anpui lemziakte hi rin zawm rawh.



Brick âwng ațanga thlir

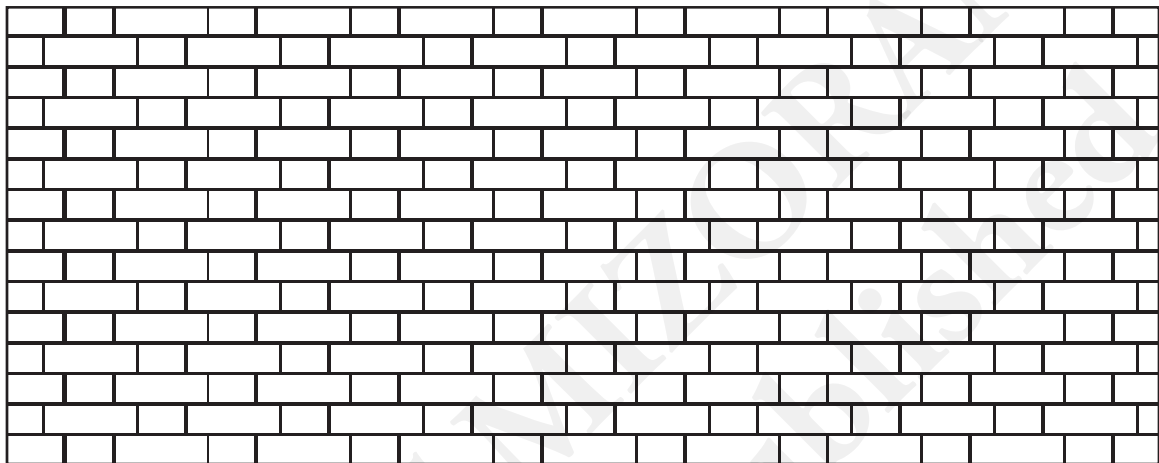
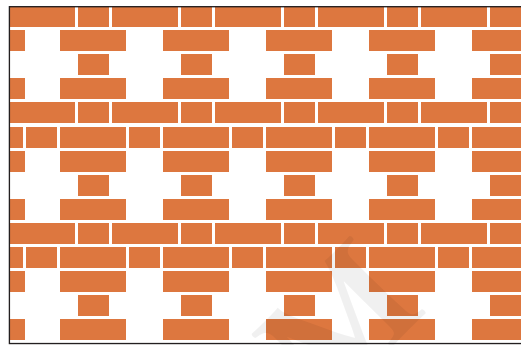
Jagriti sikul satu mistiri-ten sikul bangah ziarâng mumal tak nein âwng an siam tel thluah a ni.



❖ Âwng ziarâng siam eng zat nge thlalâkahte khian i hmuh theih?

Hei pawh hi bang âwng nalh taka
siam lem a nih hi.

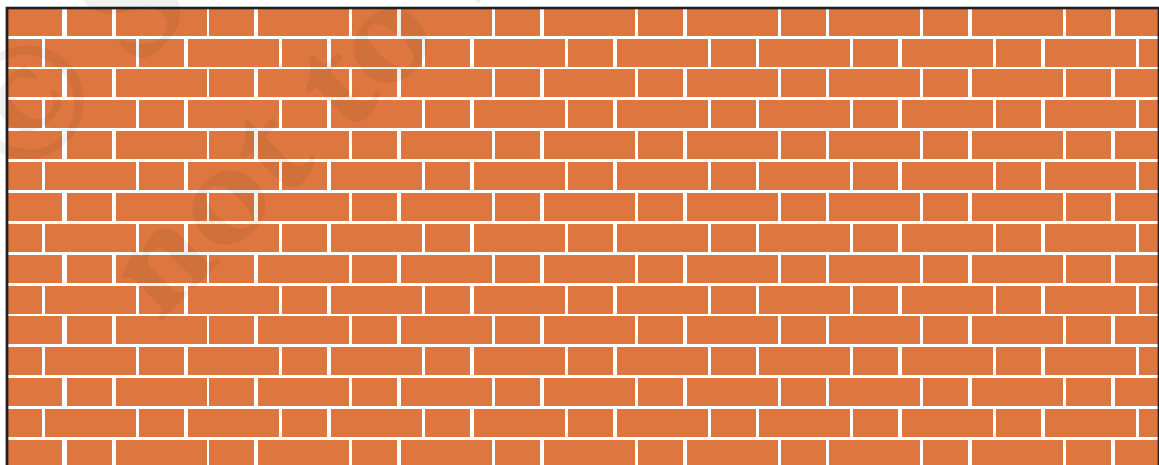
- ❖ Tunah chuan a hnuai lemah hian
brick thenkhatte chei senin âwng
ziarâng mawi tak nei han siam teh.

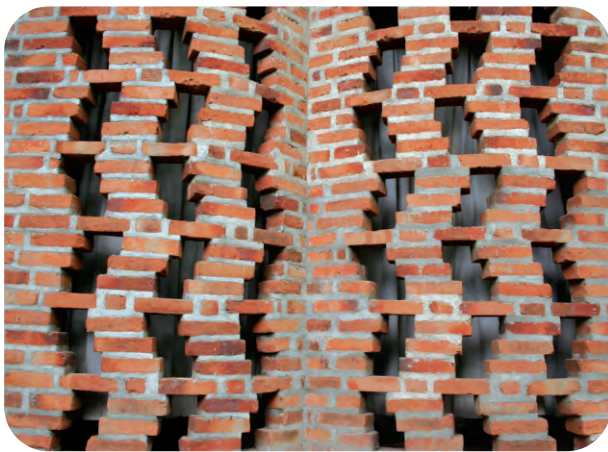


He sikul thlalakah hian tukverh hi i hmu thei
em?



- ❖ A hnuai lemah hian ziarâng mumal tak nei
tukverh han siam teh le. I thai dum dawn nia.





Heng bang âwnge hi Kerala-a library building pakhata mi an nih hi. He building bangahte hian brick hmawr lamte chu **triangle** siam nâna hman an nih dan i hmu thei ang.



Triangle anga lang brick i hmu tawh em? He thlalâka thing kung hualtu brick-te hi en teh le.



He thlalâka a **kûl** (arch) hi i hmu em? Hei hi Faizabad-a sikul pakhat bang thlalak a nih hi.

Zawng chhuak rawh

I chheh vela thil kûl awmte zawng la, an lem ziaak rawh.



Leiah a kûl lai i hmu tawh em?

❖ Hmun dang khawiahte nge kûl i hmuh?

Kûl siam bik (Special Arch)

Orchha hmuna thlalâk ah hian kûl an siam dan hi en teh. Hming nalh tak vuah a ni - Ghoonhat Waali Mehraab (hmaikhuhna nei kûl)



He tukverha âwng awm hi a mawi in ti em? Brick pan tê têa siam a nih hi. Brick pan i hmu tawh ngai em? Han zawng vêl teh.

Jagriti sikul mistiri Jamaal-a leh Kaalu-a te chuan an pu ten brick chi hrang hrang an lo hman thin thu an sawi a. Thenkhatte chu thlalâkah hian tar lan an ni.

- ❖ Hêng brick zingah hian engte hian nge kil kual nei?
- ❖ An zinga brick sei berah hian hmai eng zat nge i hmuh?
- ❖ Brick hmai paruk aia tam nei a awm em?



Zawng chhuak rawh: Brick len lam

Brick hrang hrang a len dan inang lo i hmu tawh ngai em?

- ❖ Brick pakhat la la, teh rawh.
 - a) A sei zâwng chu _____
 - b) A vâng zâwng chu _____
 - c) A chhah zâwng chu _____
- ❖ Muniya-i chuan metre khat a sei bang siam a duh a. Tlar khatah brick eng zat nge a hman ang? _____

Brick — Sâ leh Tharlâm

Ganesh-a leh Sahib-a te chu brick rawh channa hmun bula chêng an ni a.



- ❖ Meikhu chhuahna hi engtia sang nge nia i rin?
 - a) metre 5 vêla sâng
 - b) metre 15 vêla sâng
 - c) metre 50 vêla sâng

Ganesh-a leh Sahib-a te chuan brick pho ro tur tlar sei tak taka rem chu hmuhdawm an ti êm êm a. Brick siam dân pawh an thlir thin.



Hêngte hi brick siamna hmuna lak thlalâk palite an ni. Thlalâkte hi dah pawlh an ni. Uluk takin en la, brick siam nâna a hmasak dan indawtin sawi rawh.

A



B



D



C



Brick hi lei hmanga engti anga siam nge a nih i rin? Thlalâkte hi enin group-ah sawi ho rawh u.

Brick rawhna i hmu tawh em? A chhunga brick awm zat tur i ngaihtuah tawh em?

India ramah hian brick rawhna sang tam tak a awm! **Za hlir sângkhat** aiin a tam zawk! Hetiang zat nambar len dan tur hi i ngaihtuah thiam em? **Za hlir sângkhat** hi **nuai khat** tiin kan sawi thin. Ziah han tum chhin teh. I thianten **nuai** tih an hriat tawhna han zawt teh.

Zawng chhuak rawh

Hêng thlalâkte hi en la, truck hian brick eng zat nge a phurh han ring teh.

Truck driver hnen aţangin truck pakhatin brick eng zat nge a phurh theih hriat i tum bawk dawn nia.



Rilru Chhiarkawp: Bhajanan brick a lei

Bhajan-a chu brick lei turin a chhuak a. Brick-te chu sângkhat zela a man chhiar an ni a. Brick chi hrang hrangin man hrang hrang an nei leh bawka.

Brick hlui	- Brick sângkhatah ₹ 1200
Bagha-a mi brick thar	- Brick sângkhatah ₹1800
Sairang-a mi brick thar	- Brick sângkhatah ₹2000

Bhajan-a chuan Sairanga mi brick thar chu lei a tum ta a, brick sângthum a lei a. A man eng zat nge a pek? _____

❖ Brick hlui 500 lei ta se chêng eng zat nge a pek ang?

Rilrua chhût tur





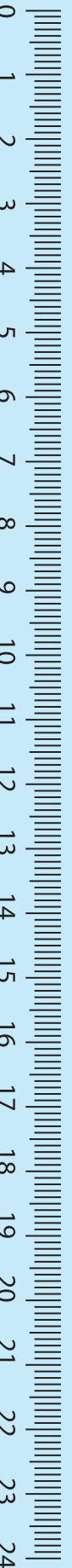
Seileh Tawi

A hnuaia chhunhante hi engtianga inhlatin nge an awm?



- ★ Chhunhan eng pawh pahni inkar hlat zâwng ring chhin la, centimetre eng zat nge nia i rin? Tichuan scale hmangin teh rawh le. I ring dik em?
- ★ Khingah khian eng chhunhan pahnihte nge inhlat ber? I fiah dawn nia.
- ★ Chhunhan inhnaih ber pahni han ring leh teh. Fiah ang che.

Naupang pahni zel inkawpin lehkhapuan ziah lohvah chhunhan siam sela, tichuan chung chhunhante inkar hlat zâwng chu inrinsiakin infiamna hlimawm tak atan a hman theih a ni. Tin, hei hi lehkhapuan maia duh tawh lovin thil hla zawh rin thiam nân chhuatah tihzui theih a ni. He zirlai bung bikah hian a pheh tlang hi scale anga hman tur a ni.



Rin ngil tawi zâwk

Akbar-a chu lal hmingthang tak a ni a, khâwnbâwl fîng tak Birbal-a a nei a. Tûm khat chu Akbar-a chuan chhuatah rin ngil siamin Birbal-a chu zawhna harsa tak mai a zawt ta a.



A chung a lem khi en la, tichuan Birbal-an Akbar-a rin ngil siam a tih tawi dân hrilhfiah ang che.

Nang pawh Birbal-a anga fîng i ni thei. Birbal-a rin ngil siam khi nawhreh tel lovin han siam tawi ve teh le. Rin ngil sei ber a awm thei em? Ngaihtuah rawh.

Hetiang hi han siam dâwn teh

★ Milem ban dîng lam hi a vei lam aia cm khata seiin siam rawh.

★ He no aia cm khata tawi no lem ziaak rawh.

★ He hmunphiah sei zâwng chanve hian hmunphiah dang lem ziaak rawh.

★ Milema samzai sei lam lêt hian a dang siamsak rawh.



Eng chena sânghin nge i ðhan?

Pâwl thum i nih laia i san zawng i teh kha i la hria em?

I san belhin i inhria em?

Eng zatin nge? ____ (cm) I ðhiante an san belh ve em?

Zawng chhuak la, tichuan a hnuaia table-ah hian ziaak ang che.



Þhiante Hming	Nikuma sân lam (cm in)	Kumina sân lam (cm in)	Cm eng zatin nge an san belh

Þum khat chu Zami hian khawvela mihring sângh zualte hming ziaak tlarna a chhiar a, chûng zinga pakhat chu cm 272-a sângh a nih chu! Chu chu Zami lêt hniha sângh a ni. Zami chu engtia sângh nge? cm _____.

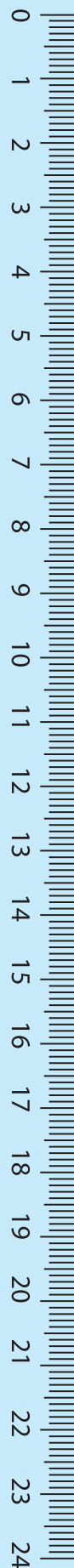
Eheu! Ka lêt
chiaha sang a nih
saw.

Ngaihtuah chhonzawm tur

- ★ A chung a sawi tâk cm 272-a sângh khi in classroom kawngkhâr-ah kûn lovin a kal tlang thei ang em?
- ★ Ding ngil ta se in in chung a tawng i ring em?

In chhûngkaw zinga sângh leh hniam

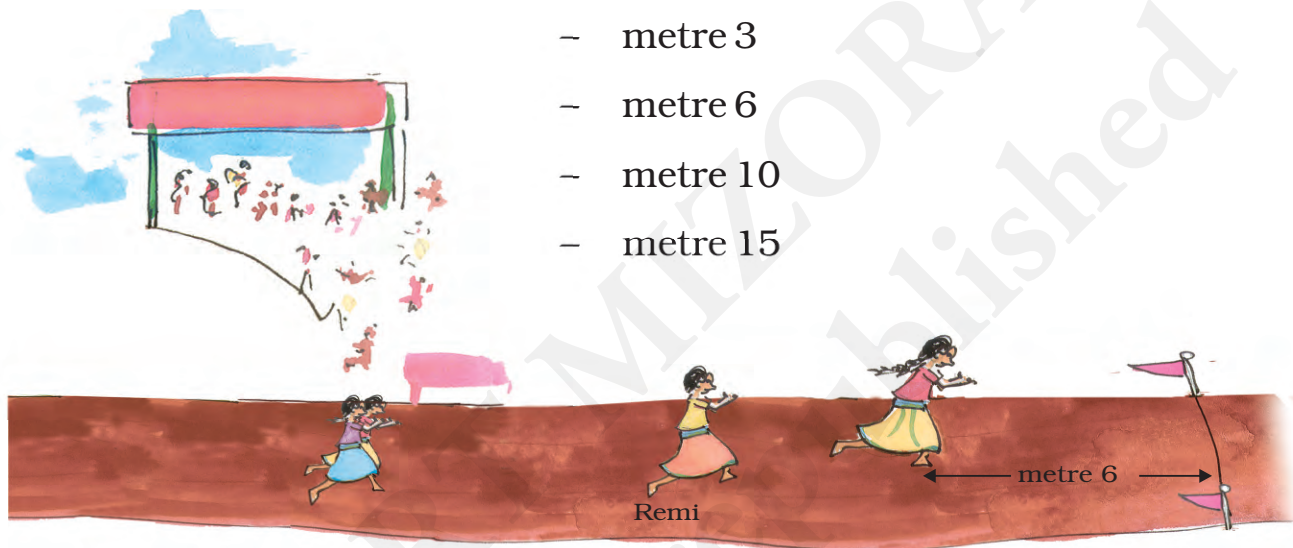
- ★ Tu nge in chhûngkuaah sângh ber? _____
- ★ Tu nge in chhûngkuaah hniam ber? _____
- ★ An sângh zâwng inthlauhna eng zat nge? _____



Inter-School Sports Meet

Intlansiak

Hei hi hmeichhe naupang metre 100 intlansiak chungchang a ni. Duhawmi chuan a tawp a thleng teuh ber a, metre 6-in a la hlat. A hnung chiahah Remi a awm a, Kimi leh Muani-te chu Remi hnungah an tlan a. A hnuaia zawhnate hi hêng hlat zâwnng pek sate hmang hian chhang rawh.



- metre 3
- metre 6
- metre 10
- metre 15

- a) Remi chuan Duhawmi chu engtia hlain nge a thlauh? _____
- b) Remi chuan Kimi leh Muani-te lakah engtia hlain nge hma a hruai? _____
- c) Kimi leh Muani te chu a tawp ațanga engtia hlaah nge an awm? _____

1500m leh 3000m race-te hi i hre tawh țin em? (1000m hi km khat niin 500m chu km chanve a ni tih i hriat tawh kha)

★ Tichuan —

1500m race-ah chuan km _____ tlân a ngai.

3000m race-ah chuan km _____ tlân a ngai.

Kilometre 40 vel an tlân ðhinna marathon race hi i hre tawh ðhin em? Stadium-a intlansiakna track chu metre 400 chauh a nih avangin marathon chu kawngpuiah an tlan ðhin.

Stadium track vawi 10 tlân kual = _____ km.

Tichuan, stadium track-a marathon i tlân dâwn chuan vawi _____ i tlân kual a ngai tihna a nih chu!

Thui zawnga inzuansiak (long jump)

Hei hi mipa naupang tâna long jump a ni.



Dina chu metre 3 leh centimetre 40-a thui zuangin, a zuang thui thei ber a. Zika chu Dina aiin 20 cm-a zuang tawiin pahnihna a ni a. Kâpa chu pathumna a ni thung. Kâpa hian 5 cm chauhin Zika hi a pha lo a ni.

★ Zika leh Kâpa-te zuan thui lam ve ve chu?

★ Eng chena thui nge i zuan theih en teh.

★ Engtia thui nge ball i vawm theih? Metre _____.

★ Football emaw volleyball emaw anga ball lian la la, han pêt vak teh le. Engtia thui nge i pet theih? _____

A hnuaia mi te hi India leh khawvela zuan record siamte an ni.

<i>Sports</i>	<i>World Record</i>	<i>Indian Record</i>
High Jump (Mipa)	Javier S. (2m 45 cm)	Chandra Pal (2m 17 cm)
Long Jump (Mipa)	Mike P. (8m 95 cm)	Amrit Pal (8m 8 cm)
High Jump (Hmeichhia)	Stefka K. (2m 9 cm)	Bobby A. (1m 91 cm)
Long Jump (Hmeichhia)	Galina C. (7m 52 cm)	Anju G. (6m 83 cm)

Table aţang khian hêngte hi zawng chhuak rawh. —

1. High jump-a mipa world record tluk turin Chandra Pal-an engtia thui nge a zuan belh ngai?
2. Centimetre eng zâtin nge Bobby-an metre 2 a phâk loh?

Hriat tur, 1m = 100 cm

Metre chanve chu _____

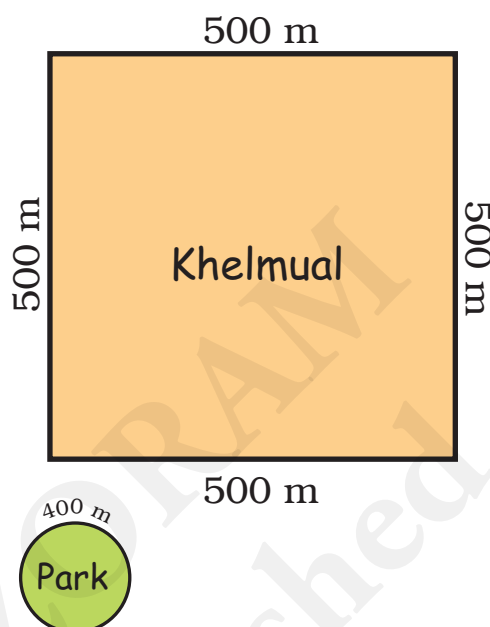
3. Galina chuan _____ a zuan thleng teuh hle.
 - a) metre 7
 - b) metre 7 leh a chanve
 - c) metre 8
4. Hmeichhe world record khi en la, long jump-a zuang thui ber leh high jump-a zuang sâng berte inthlahna ziak rawh.
5. Mike P-a chuan centimetre _____ a thui zuan belh thei sela chuan metre 9-a thui a zuang ang.
6. Metre hnih leh a chanvea sâng zuang teuh ber tu nge?
 - a) Stefka K.
 - b) Chandra Pal
 - c) Javier S.
 - d) Bobby A.

Insawizawi nan zîng tlan

Hrisel taka a awm theih nân doctor-in Pêka chu ni tin kilometre 2 tlan thin turin a ti a. He khêlmual (field) hi vawi khat a tlan kual a. Eng chena thui nge a tlan?

Khêlmual chu an in aṭanga a hlat êm avangin hnai tēa park-ah chuan a tlan ta zawk a. Vawi khat park tlan kual chu 400m vel a thui a ni.

- ★ Km 2-a thui tlan turin Pêka chuan vawi eng zât nge park chu a tlan kual ang?
- ★ Tûk khat chu khua a nuamin thlifim a thaw heuh heuh va. Pêka chu nuam ti takin a chauh hma chu a tlan zel a. Tichuan park chu vawi 8 lai a tlan kual hnuah a duh tawk ta a. Hemi ni hian km _____ leh metre _____ lai a tlan a ni.



Room chhâwng eng zâta sâng nge?

Qutab Minar hi metre 72-a sâng a ni.

In classroom kha metre eng zâta sâng nge a nih?

Khatiang room kha inchherchhuan ta se, chhâwng eng zâtin nge Qutab Minar san zâwng tluka i rin? _____

I rin chhan sawi fiah rawh.



Lungdai aṭanga Hmuifang

Biaka chu 27 km-a hlaa awm Lungdai panin a kal a. Maziki erawh chuan a ep zâwngin 51 km-a hlaa awm Hmuifang chu a pan ve thung a.

Lungdai chu Hmuifang aṭanga engtia hlaah nge a awm? _____



In sikul aṭangin in in chu engtia hlaa awm nge?

Mamuana chu hmun hla tak aṭangin sikul a kal ṭhin a. Metre 400-a thui a kal hnuah dîl a thleng a. A vawthlep keng chungin dîl chu metre 150-a thui a dai kai a. Tichuan, metre 350-a zau mual a kal tlang a. Fimkhur takin metre 40-a zau kawng kân lehin sikul chu a thleng ta a ni.



Mamuana chuan ni tin sikul a thlen nân engtia thui nge a kal ṭhin?

Kilometre 1 aiin a thui em? _____

- ★ Sikul atanga engtia hlaah nge i thiante an awm zawng chhuak la, tichuan table hi i dah khat dawn nia. (Kilometre emaw metre emawin i ziaik dawn nia).

<i>Thiante Hming</i>	<i>Sikul atanga in hlat zâwng</i>

In zingah tu nge sikul hnaih ber che u? _____

Tu nge awm hla ber? _____

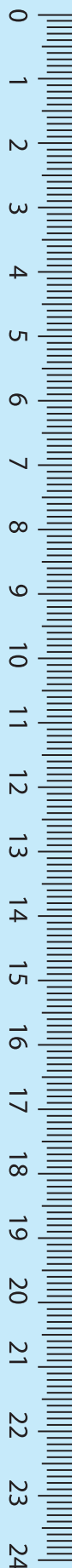
Mi eng zat nge sikul atanga kilometre 1 aia hnaia awm che u?

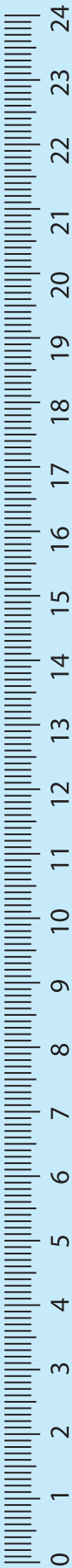
Kilometre 5 aia hla a awm an awm em? Sikul engtin nge an lo kal
thin? _____

Ring chhin phawt la, i zawng chhuak dawn nia.

1. La hlumah hian la zai engtia sei nge awm?
2. Lehkha chaihna hrui hi engtia sei nge? Km khat aia sei a ni thei ang em?
3. Rawmawl hi la zai khata siam ni ta se, chu la zai chu engtia sei nge a nih ang?

A theih chuan kawngpuiah km 1-a thui naupangte hi kalpui ni se, tichuan naupangte chuan 1 km thui zawng an hre Chiang thei ngei ang.





Chang thei tehreng ila!



Lehkhachaih-ah chan ka nuam e,
He rûn sâng tak hi khûmin
Thlâwkin ka lêng vêl tur a.

Sirva lên thiamah han chang teh ila,
Lehkhachaih chung a lêngin,
Thangvân ka hrût tur a.

Vanrângchhûma chan ka nuam ngei e,
Sirva leng velte hnuaichhiain,
Sir ka sâwn vel tur nia.

Thlawhtheihnaa chan theih chang se,
Chhûm leh tlâng zawng zawngte khûmin
Van boruak ka chuan dêl dêl ang.

Zawn chhuah tum rawh.

1. Building i hmuh tawhah eng building nge la sâng ber? Chhâwnge eng zat nge a nih?
2. Lehkhachaih hi engtia sâng nge a thlawh theih? Qutab Minar aia sâng a thlâwk thei ang em?
3. Thlawhtheihna hi engtia sâng nge a thlawh theih? Mount Everest hi kilometre 9 vela sang a ni a, chumi aia sângah a thlawk thei ang em?
4. Nangmah aia hniamah chhûm i hmu tawh ngai em?

Naupangte thil hmuh leh hriatte a bik takin chhûm leh an sâng zâwnge sawipui a tha viau ang. Sawi hona hian thil hrang hrang insân hleih dan te leh kar hla tak chhut thiamna naupangte hi a neihtir thei a ni.



Bhopal-a Zin

Tukin chu Sughandha-i a phûr kher mai, an sikul naupang zawng zawngte chu an zirtirtu hovin Bhopal-ah an zin dawn a. Pi Meenakshi-i leh Pu Rakesh-a ten zinna atana bus an mamawh zat tur an chhût tan a.

Pi Meenakshi - Bus pali kan mamawh ang.

Pu Rakesh - A tlem berah bus panga kan mamawh ka ring.

Pi Meenakshi - Bus pakhatat seat 50 zel a awm asin.

Pu Rakesh - Naupang eng zat chiah nge kal dawn tih hrechiang phawt ila.



Class	Naupang zât
I	33
II	32
III	42
IV	50
V	53
Total	_____

Bus 4 kan mamawh em? Bus pakhatat naupang 50 zel chuang ta se, bus paliah chuan 50×4 an chuang thei

❖ Tichuan naupang kal tur zât chu _____.

❖ Bus pali hmang ta se, naupang eng zât nge thu thei ang? _____

❖ Naupang thutna chang lo an awm thei ang em?



Naupang tlem tê vang in bus dang lâk a tul lo vang!

Thutna kan in tawm thei alawm

Naupangte chu ngaihtuahna hmang hmasaa zawhna chhang turin fuih la, chhanna dik nei turin chhût chhuah dan tur sawipui rawh.

Bus ngâkin

Bus-te chu an lo thleng dân tawh em tih en tumin Sahib-a chu an intlarna aţangin a zuang chhuak a. Ring taka auvin — "Saw! Ka hmu thei.. tlân ru.. tukverh bul  tutna chuh rawh u".

Naupang tam tak chu ph r takin an zuang v l a. Mahse ...

Ding ru! Hei hi eng nge? H ng bus-te hi an va t  ve..

Inhnialin a chhunzawm ta a.

Bus lian rawn keng turin kan hrilh che kha

Bus lian kan neih tam t wk loh av ngin bus t  kan rawn keng ta t uh mai a ni.

Bus t  pakhatin naupang 35 a phur theih chuan, chutiang bus t  eng z t chu nge ngai ang? _____



Zin chhuak ñan

Bus a kal ñan tihah chuan naupangte chu ring takin an zai ta hlawm a. A ñen chuan pawn lama mual leh thing kung hring dupte chu an thlir a.

Indra – Eng tikah nge Bhopal chu kan thlen ang le?

Pi Asha – Ding lova kan tlân tuan chuan dârkâr hnihah kan thleng thei ang, dar _____ vêlah kan thleng thei dawn tihna a nih chu.

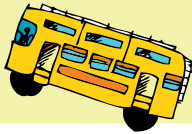
- Manjeet — A hla viau em ni?
- Pu Bhimsen — Km 70 vêla hla a ni.
- Ruby — Kalkawngah dinna kan nei ang em?
- Pu Rakesh — Heta ñanga km 50 vêla hla Bhimbetka-ah kan ding mai thei.

- ❖ Bhimbetka-a kal tur ni ta se, dar
- 10 hmain an thleng ang.
 - 10 leh 11 inkarah an thleng ang
 - 11 hnuah an thleng ang

An inbiak mêk lai chuan Bahadur-a a rawn au chhuak a – “En teh u ... Narmada” An zavaiin tukverhah an dak chhuak a.

Ruby — A seiin a va han zau ve! A zau zâwng i inrinsiak ang u.





Gopi — uhhmm ... metre 100? Ni lo, chu aiin a sei ang.
Ka ring thiam lo.

Victoria — km chanve ai chuan a sei ka ring.

Pi Asha — Saw, a inziak reng alâwm - He lei hi metre 756.82 a sei a ni. Tichuan, Narmada chu metre 500 vêla zâu a nih theih dawn hi.



✿ Victoria-i chuan a ring dik em?

Sadaf — metre 500 sei zawng ka mitthla thiam lo.

Pi Asha — Kan chuanna bus hi metre 5 vêla sei a ni a, tichuan he leiah hian bus eng zât nge intlar thei ang?

✿ Lei sei tak i zawh tawh em? Metre engtia sei nge a nih?

Luia tui chu an thlir ṭhap a.

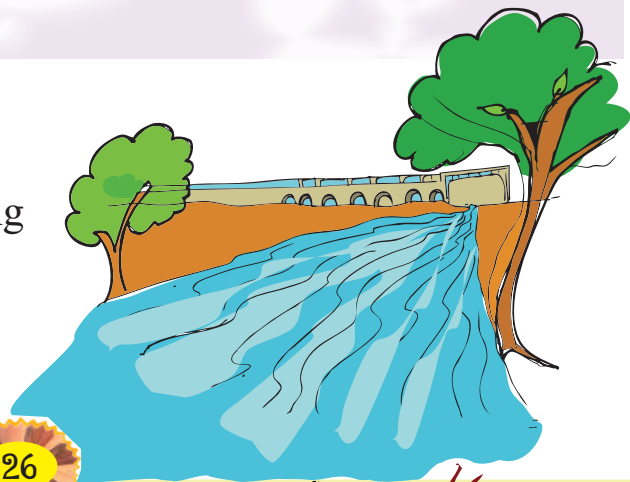
Pu Rakesh — Tui chîm chin chu a hniam a nih khu. He lei aṭanga metre 40-a hniam a ni ang.

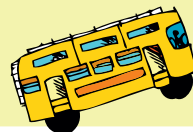
Pi Asha — Fur lai chuan tui hi a tam deuh a, he lei hi metre 15 vêlin a chîm pha lo ṭhin.



✿ An kal lai leh fur laia Narmada tui chim chin inthlauhna chu metre _____ a ni.

Naupangte chuan lui chungchâng chu an sawi chhunzawm zêl a...





Bus chu a ding ta thut mai a.

Petrol pump a nih saw. Bus pahnihah diesel thun a ÷ul.

Bus te chu a ding tlar a. Naupangte chu diesel thun dan hmu châkin an lo dâk chhuak ve hlawm a. ÷henkhat chu en chian tumin bus a tang chuan an chhuk a.

- ❖ Bus pakhata diesel thun khah nan minute 15 a ngai a, bus pahniha diesel thun an mamawh si a. Tichuan petrol pump-ah chuan minute _____ vêl an din a ÷ul a, minute _____ vêlin an khawtlai phah a ni.

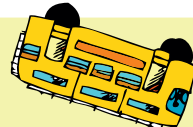


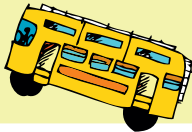
- ❖ Milem khi en la, diesel litre khat man chhut chhuak rawh _____

Bus-a diesel an thun lai chuan petrol pump bula zunin awmah chuan naupang ÷henkhat chu an lo va kal a.

Zuninah Aman-a chu engtia rei nge a awm? _____

Bus pakhat diesel thun hun chhûng teh meuh Aman-an zun nân a hman zu nia!





Bhimbetka-ah

Bus-a diesel an thun khah hnu chuan an tlan tan leh ta a. An kalna tur kawnga khaw pakhat awm Bhimbetka tihah chuan an chawlh tur thu puan a ni ta a.

Anjan — Eng nge Bhimbetka chu?

Pi Raina — Pûk tam tak awmna hmun a ni a. Chûng pûk bangahte chuan kum singkhat liam tawha pi puten milem an lo ziah hmuh tur tam tak a awm a ni.

Sumonto — Kum singkhat maw! Kum sangkhat liam ta pawh ka ngaihtuah phak lo ve!

Gopi — Teh reng mai! Kum sangkhat pawh rei ka ti lutuk tlat. Kum za pawh ka ngaihtuah thiam lo.

Gauri — Kei chu kum za chu ka lo ngaihtuah ve thiam asin, a chhan chu ka pa pi hi kum 100 mi a ni a.

Manjeet — Chuti chu khâng pûkte kha kan pite kum chhawng (let) za ang vêla upa an lo nih reng chu!!

An vai chuan an nui ta dur dur a - Ha! Ha! Ha!

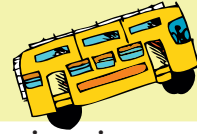
Pûk banga lemziakte chu hmuh an chak ta em em a. Bhimbetka an thlen chuan zing lam dâr 11 a ni a.

Eheu! Kum 10000 hma lam pawh khân hetiang milem mawi hi an lo ziah tawh a nia... chu pawh lungah lehngâ!



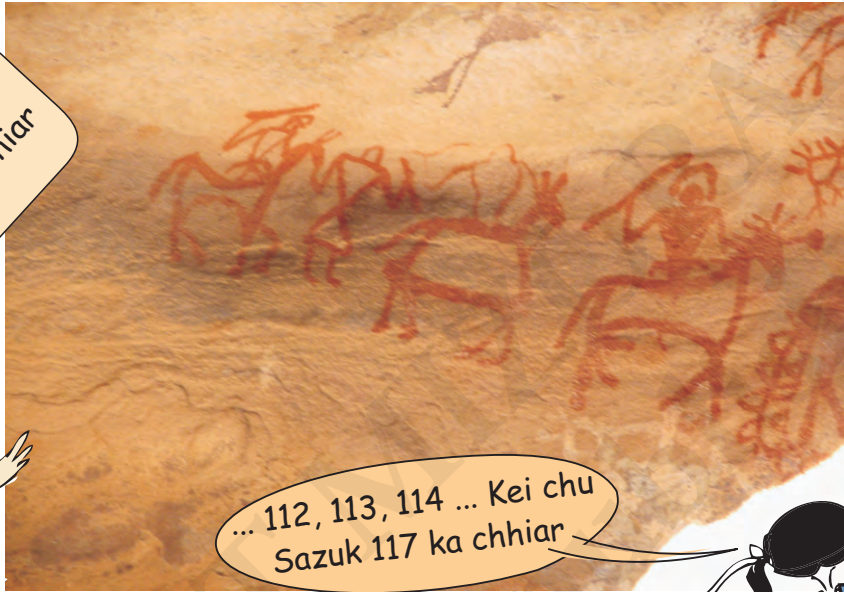
E! Heng lungte hi kum sang tam taka upa a ni nia.





Shankar — He lemziakah hian ram sial lian pui puite pawh an awm nual a nih hi. Heti hian i ti ang. Ram sial awm zât ka chhiar ang a, nanging sazuk awm zât lo chhiar ve rawh.

Bonomala — Mihring awm zat ka lo chhiar ve ang. Ram sial, sazuk leh mihring, a eng nge tam ber?



❖ Ram sial aiin sazuk chu _____ in an tam zawk.

Ram sial leh sazuk zât belh khawm aia mihring zât chu an tam avangin Bonomala chu a hlim hle a. A chhiar zawng chu 200 a tling lo hret.

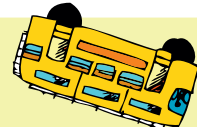
❖ Mihring eng zât nge Bonomala chuan a chhiar le?

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Kaihruaitu (guide) chuan a vaiin lemziak hrang hrang 600 a awm thu a hrih hlawm a.

Bhimbetka an chhuahsan a hun ta a.

❖ Bhimbetka-ah chuan dârkâr 1 an awm a. Dâr eng zat nge ri ta? _____ Bhopal lam panin an tlan leh ta a. Dârkâr 1 aia rei lo deuhvah an thleng thei ang. Dar ____ vêlah an thleng thei dawn tihna a nih chu.



Chawchhûn ei hun

Hun a lo rei ta deuh bawk a naupangte chu an ril a lo tamin ei tur an paite chu an la chhuak a. Biscuit, sêrthlum leh balhla te pawh bus tinah an sem bawk a.



Naupangte chu sêrthlum 1, balhla 1 leh biscuit 5 theuh pek an ni a.

Naupang zawng zawngin sêrthlum leh biscuit chu an duh veka, amaherawhchu naupang 38-in balhla an duh lova.

❖ Sêrthlum, biscuit leh balhla eng zât nge sem a nih?

Manjeet-i leh Bhanu-a ten ei tur chu ei zo vatin hun khawhral nan puzzle an inzâwt a..

Manjeet — 100 leh 150 inkâr lai taka nambar awm min hrilh rawh.

Bhanu — 120 ... ni lo, 130 ... ni lo, 125 a ni zâwk e.

Manjeet — A dik e. Min zâwt ve rawh le.

Naupang dangte chuan anni pahnih chu rawn zâwm vein zawnha an inzâwt ta hlawm a.

A Sweet pali theuh ka thian palite ka pek hnuah sweet pathum a la bang a. A tirah sweet eng zât nge ka neih?



B 3, 5 leh 7 hmangin eng nambar nge i siam theih? 357 leh 537 tih loh a dang sawi rawh.

C Nambar pakhatat 8 i belhin chu nambar chu ama lêt chiaha lian a ni a, chu nambar chu min hrilh thei em?

A chungar tar lan ang zawnha tam tak, ziaak emaw kaa chhan turin emaw naupangte a zawn theih. A chhanna an hmuh chhuah dan sawi fiah thiam turin fuih a tha ang.



D

23 leh 50 inkâra
awm 2, 3 leh 5 tena an
sem theih nambur in
hre thei em?

E

Fanghmîr pakhatin minute
khat chhûngin 3cm-a sang a
lawn a, 2 cm a tawlh thla leh
a, 2 cm-a sâng lawn turin
minute eng zât nge a hman
ang?

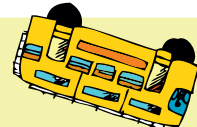
Khingte khi i zawng chhuak thei em? Han tum teh.

Eng lawngah nge kan chuan ang?

Zawhna leh chhânna an buaipui êm avangin dil kam an thlen lai pawh
an hre mumal lo va. Dil chu lian tak niin a laiah pawh thliarkar te reuh
tê a awm a. Dil chu tun ang hunah hian a mawi êm êm a. Varak an
tamin an hram chuah chuah a. Naupang thenkhatte chuan varakte chu
puakzo an pe a.



Tunah chuan a nuam dawn lutuk! Lawngah an chuang dawn ta.
Chuanna tur lawng an thlan a ngai. Mahse chu chu a awlai lo hle.



Lawng chi hrang hrang a tamin a chuan man leh a chuan hun chhûng chu a inang lo thluah a.

	Lawng hming	Ticket man	Chuan hun
1.	Double-decker	₹ 30	minute 45
2.	Paddle-boat	₹ 15	minute 30
3.	Motor-boat	₹ 25	minute 20
4.	Boat with oars	₹ 15	minute 45

Keini pali paddle boat-ah kan chuang ang a, Gauri-i te nen kan inûm ang.

Keini chu motor boat-ah kan chuang duh. A to nâa a nuam alawm.



Table behchhan khian he lehkhawia zawhna thenkhatte hi siam an ni. Zawhna tam tak siam belh turin naupangte fuih tur a ni.



- ❖ Indra-i leh Bhanu-i te chu motor boat-a an chuan zet hnuah oar-boat ah an chuang leh a.
Lawng pahnih atan chuan cheng eng zât nge an châwi? ₹ _____
Engtia rei nge lawng pahnihah an chuan? _____
- ❖ Naupang group khat double decker-ah an chuang a. An zavaia an pawisa sên zât chu ₹ 450 a ni. Naupang eng zât nge double decker-ah chuan chuang? _____
- ❖ Eng lawng nge dârkâr khat chhûngin vawi hnih kal hman?
- ❖ Eng lawng ber nge vawi khat kal nân dârkâr chanve aia tlem duh?
- ❖ Eng lawngah nge pawisa sêng tlem ber si a chuan chhûng a rei theih ber?
- ❖ Javed-a chu tum hnih lawngah chuanguin, a pahnih atan ₹ 140 a sêng a, minute 50 chhûng a chuang a. Eng lawng pahnihahte nge a chuan?

Lêta hun ta

Dar li thleng lawng hrang hranga chuanguin naupangte chuan hlim taka hun an hman hnuah lêta lo hun ta a. Tunah chuan khawiah mah chawl muang lovin an haw anga; tichuan dârkâr hnihah an thleng thei dawn a ni.

Chuti a nih chuan Hoshangabad chu dâr _____ ah an thleng ang.



Zawng chhuak rawh

Sikul trip-ah i kal tawh thin em? Naupang eng zât nge kal che u? Engtin nge in kal a, engtia hla nge? Engtia rei kal nge? Mi pakhat kal man chhût chhuak rawh?



Practice Hun

- Cave-painting upa tak tak pali an awm a, an zinga upa ber thlang chhuak rawh.
 - kum 4200-a upa
 - kum 1000-a upa
 - kum 8500-a upa
 - kum 1300-a upa
- Bus pakhat chuan naupang 48 a phur thei a. Chutiang bus pathum chuan naupang eng zât nge an phurh theih? Naupang ____ - vel
 - 100
 - 200
 - 150
- Eng nambar inkawp belh khawm hi nge 500 aia tam?
 - 152 leh 241
 - 321 leh 192
 - 99 leh 299
 - 401 leh 91
- Thil thleng leh a thlen hun thai zawm rawh.

❖ Narmada lei kai	3:00 p.m.
❖ Bhimbetka lemziak thlir	6:00 p.m.
❖ Petrol pump-a chawlh	9:10 a.m.
❖ Lawnga chuan	12:30 p.m.
❖ Chawchhûn ei	11:30 a.m.
❖ Hoshangabad-a lêt	9:30 a.m.



CHEK-CHEK-CHEK

Papuia leh Saizami te an sikul ațanga tehin tu in awmna nge hla zawk tihah an inhnial a.



Sikul lo thlen nân minute 5 ka rawn hmanġ thin.

Kei chu minute 2-ah asin ka rawn thlen thin.

A ni thei lo! Kan in aiin in in awmna a hla zâwk si a.

Ka sanaah ka chhinchhiah thin alawm.

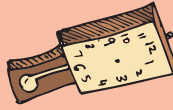
In ațangin dâr 7-ah ka chhuak a.



Sikul ka thlen hian sanaa minute bân chuan 2 a kâwk thin alawm.



Chuti a nih chuan minute 2-in dâr 7 a pel tihna a ni mai lawm ni.



I ti dik lo! Sikul chu dâr
7:10-ah i thleng a nih chu.

Engtin?

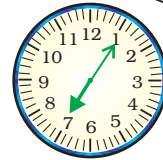
Nambarte inkâra
rin sîn tê têtê khu i
hmu em?

Aw, tichuan eng
nge a dik lohna?

Minute bân hian 12 hnua rin 10-
na a kawh thlen chiah chuan
minute 10-in dâr 7 a pel emaw
dâr 7:10 a ri emaw tihna a ni.

Sikul panin dâr 7-
ah ka chhuak tan
a.

7:05-ah ka thleng thin.
Sana i en chuan minute
bân chuan rin ngana a
kawh thleng chiah.



Practice Hun

1) Thian pathumin sana an en a. Tu nge dik?

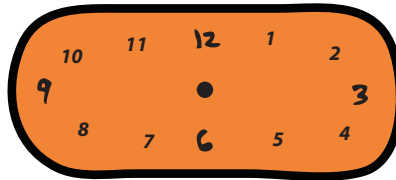
	Chama	Biaka	Pari
	12:03	12:15	3:00
	7:25	5:07	5:35
	3:35	7:03	7:15



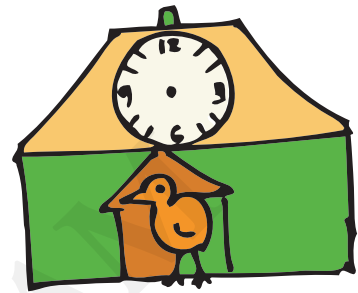
2) Heng sana lemahte hian dâr zât inziakte hi kawhtir rawh:



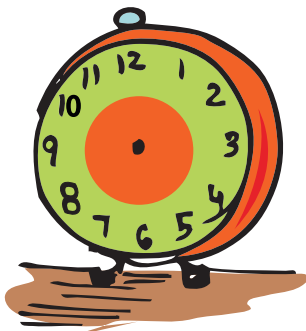
3:10



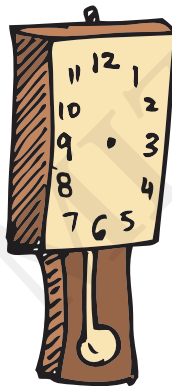
6:40



4:45



2:20



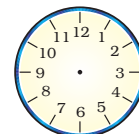
3:15



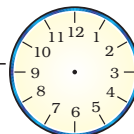
7:35

Vân lam thlîr nuam i ti em? I tih chuan hêngte hi ngaihnawm i ti ngei ang:

a) In vengah dâr eng zatah nge ni a chhuah thîn? ———



b) Eng tikah nge ni a tlâk thîn? ———

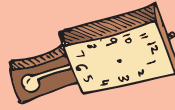


Ni chhuah leh ni tlâk hunte chu
ni tin a ngai reng em?



Chanchinbu han en teh le. Thla hrang hranga ni chhuah leh
tlâk hunte en teh.





Thlalâk hi en la, he thlâ an lâk lai âwm hun i hre thei em?



He thlalâk hi Paris, France-a lâk a ni a. Paris-ah chuan nipui lainn zân dar 9-ah ni a tla thin. He thlalâk hi zana lâk a nih hi! Amaherawhchu thlasikah chuan Paris chu tlâi dâr 4-ah a thim tawh thin.

3) Zawng chhuak rawh

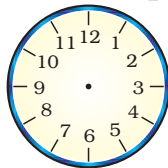
* A hnuaia lemahte hian vei lama dar zat ațanga ding lama dar zat kaww tur hian minute ban hi engtia rei nge a kal ang?

a)			_____	c)			_____
b)			_____	d)			_____

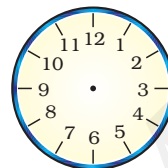


* Dârkâr leh minute bân siamin kawh dik tir ang che:

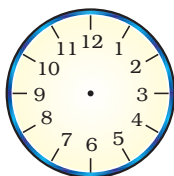
a) Dâr 6 minute 20-in a pêl.



c) Dâr 7 leh minute 10.



b) Minute 30-in dâr 8 a pêl.



d) Minute 15-in dâr 5 a pêl.



* Engtia rei nge sikul assembly in neih thin? _____

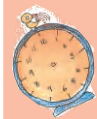
In lunch break rei zâwng eng zat nge?

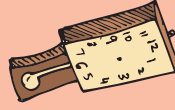
In game period rei zâwng eng zat nge? _____

Period dang zawng nen a rei zâwng a inang em? _____

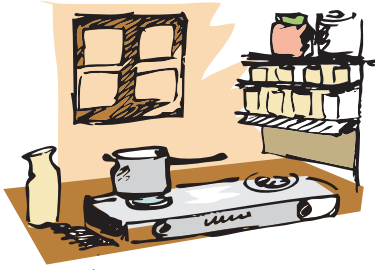


Game period leh chhûn chawlh te hi an rei lo bikin ka hria! In ti ve em?





* A hnuaia tih lante tih nân hian minute eng zât nge ngai? Ring chhin la, inah i fiah dâwn nia.



Bâwnghnute litre 1
chhuan so nân _____



Bucket tihkhah nân _____



I room phiah fai nân _____

Tih tur



* Minute khat chhungin vawi eng zat nge i tih theih? —

- a) Kut piai rik _____
- b) Hruì zuan _____
- c) Awm hmuna zuan _____
- d) _____

Hetiàng lam tih tur hlimawm tak ziah belh ang che.

* Hengte hi han ti leh teh le. Engtia rei nge ?

- a) Chawl lova i ɬawng theih _____
- b) Ke pakhat chauha i dîn theih _____
- c) Chawl lova 'Aaaaaaaa.....' i tih theih? _____



* Engtia rei nge —

- a) 50 metre race i tlan? _____
- b) Lei a lungte 50 chhar nân i hman? _____
- c) 1 aɬanga 100 thleng i chhiar? _____

Tu nge
chak ber?

40



* Sana baw k i en ang aw! Chaw k chhuak rawh —

- Minute bân chu 2 a tângin a che tâng a, 2 baw k thleng leh turin minute eng zât nge ngai? _____
- Dârkâr bân chu engtin nge a lo awm? A che ve em? Nambar pakhat a tâng a a daw t chia h nambar kal nân engtia rei nge a duh?
- Han haw i kual vel la, darkar khat vela thaw h zaw h theiha i hriatte zia k chhuak ang che.

- _____
- _____
- _____
- _____
- _____



Ei rawngbâwl nân in inah engtia rei nge hun hman a nih thîn?

Dârkâr khat aia rei/Dârkâr khat tling lo

I pain ei rawngbâwl ran lamah i nu a tluk em?
Han zaw t teh. Aw / Aih

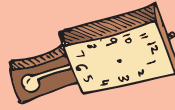
Eng game-te nge dârkâr khat aia rei lo?

Football khel h hun chhông hi engtia rei nge?



Naupangten minute khat chhông a an thil tih thehte hre fiahin activity-te chu tih nuam an ti ang. In chhông a thaw h tur awmte thlirin hun pawimawhna an lo hre thiam ang a, tichuan mi dangte hnathaw h paw h an hlut thiam ngei ang.





Rami Diary

Hawh u kan
naute thar i
va en ang u.



Ka nu, Muani
tan sweet ka
rawn lei a.

A la ei thei lo. A
la sên lutuk alawm.



Ṭawng pawh a la
tawng thei lo.



Chung zawng zawng chu a
lo lian ang a, a rawn ti
thei ve zêl dawn alawm.





Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec



Muani hun ʔawng (timeline) ang zêlin dik takin ziaik chhuak rawh.

5/3/15

A lo piang a

* Muani ha September-ah a ʔo va. Hetih lai hian thla eng zât a upa nge a nih? March aʔanga September thla thleng kha thla eng zât nge? _____

* Muani kha engtia upa a nihin nge

(a) A ʔhut theih? _____

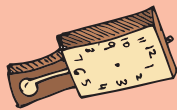
(b) A ha hmasa ber a ʔo? _____



* Eng nge a tih theih hmasak zawk — 1) kal/balhla ei?

2) bawhvah/din?

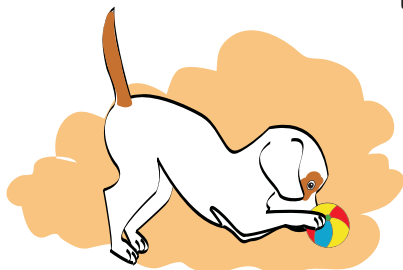




Ramin ui notê a nei a. Kar hnih hnuah a mit a keu va. A ðan dan heti hian a chhinchhiah a:



Kar 3 hnuah ha nein thil a ei ðan a.



Kar 4 hnuah nghet vak lovin a kal kual ðan a.



Thla sarih a upa a nih chuan ha a nei kim ta a.

Kum 1 hnuah chuan a puitling tawh a, no te pawh a nei ve a.

- * Notebook-ah he ui sei len dan time-line hi siam rawh.
- * Muani leh Rami ui notête danglamna i lo chhinchhiah ang u:

Dinhmun	Muani (kum)	Ui notê (kum)
Kal ðan		
Thil ei hmasak ber		
Ha neih hmasak ber		



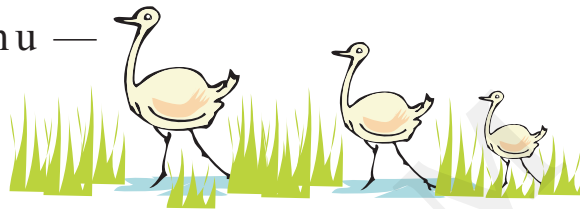


Zawng chhuak rawh

Rante hi an ðan chak dan a inang vek em?

Hengho ðan dan hi sawi ho teh u —

1. Ar
2. Bawng
3. Sava

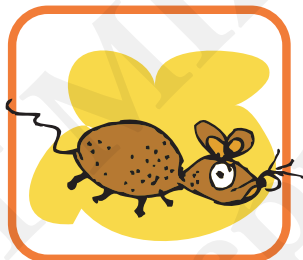


Ramsa pui leh no lem ziaak rawh.

A hnuai lemte hi en la, tu nge tar hmel bera i hriat?



Sai Appu-a
pu
(Kum 95)



Sazu Chuchoo-a pu
(Kum 2)



Rami pu
(Kum 70)

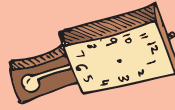
* Appu-a pu chu Rami pu aiin kum eng zâtin nge a upat?

* Chuchoo-a pu chu Appu-a pu ang kum zât a dam thlen i ring em? _____

* Chuchoo-a pu chu Rami pu aiin kum eng zâtin nge a naupan? _____

Naupangte leh zirtirtute tan nungcha hrang hrang ðan dân leh dam rei zâwng zawn chhuahna hun ðha tak a ni thei. Heta a tum chu memorise ngai lovin heng chanchinte hi khaikhin leh sawi ho a ni.





Chawlnhi hi a hlímawm!

Tluanga-te an chawl òan a, a phur hle mai. Chawlnh chhunga thil tih tur a ruahmante chu a farnu Sawmi chu hrilh a duh a. Lehkathawn a ziaak ta.

Aizawl
1/5/19

Dear Sawmi,

I dam òin em? Kei chu ka dam e. Vawiin aòangin sikul kan chawl òan a. Ni 8/5/19 hian ka pite ka tlawh ang a, tichuan ni 20/5/19-ah ka lêt leh ang. Ni 30/6/19 aòangin sikul kan lut òan leh ang. Eng tika nge sikul in chawlnh ve dâwn? Lo zin thei la ka ti hle mai. A nuam dawn asin.

Mangòtha phawt mai le.

Tluanga



Sawmi-te chu Lungleiah an awm a. Lehkathawn chu ni 6 / 5 / 19-ah lo hmuin, Tluanga chu chhân lêt a tum a—

Lunglei
7/5/19

Dear Tluanga,

Ka dam òa e. Niminah i lehkha ka lo hmu a. Happy Holidays! Kan sikul chu ni 3 June 2019 aòangin kan chawl òan anga tichuan 12 August-ah kan lût leh ang. Champhaiah sikul naupangho kan zin dawn a. Ni 7 / 6 / 19- ah kan lo kir leh ang. Kan lo lêt leh hnuah Aizawlah chuan lo kal ka tum dawn nia. Bye

Sawmi

Tluanga chuan a lehkathawn chu ni 1 / 5 / 19-ah a ziaak a. Nambar in, ni ziaak dan in la hria em?

1 May 2019 hi 1/5/19 tia ziaak a ni.



Hêngte hi eng nite nge an nih ziaak rawh –

5/5/19

5 May 2019

20/5/19

7/6/19

1/1/20

Hêng nite hi nambarin ziaak rawh.

1 June 2019

30 May 2019

10 Aug 2019

* Aizawl aṭanga Lunglei thlen nân lehkhathawn kha engtia rei nge a thang? _____

* Tluanga kha engtia rei nge a pite inah a châm? _____

* Fill in the table:

	Ni		Ni zat
	aṭang	thleng	
Sawmi chawlh			
Tluanga chawlh			

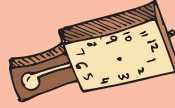


Tu nge chawlh nei rei zâwk- Sawmi nge Tluanga?

* In sikulah eng chawlhhte hi nge in neih? Table hi dah khat ang che.

Chawlh chhan	Ni		Ni zat
	aṭangin	thleng	
Nipui chawlh			
Favang chawlh			
Thlasik chawlh			
Exam zawh chawlh			





15 May 2006-ah Chhanhima chu dawrah butter lei turin a kal a. Butter chu a ei tlâk em tih hriat nan a tuamna chu a en a.

A tuamnaa inziak chu — **Fûn ni ațanga ni 180 ral hma a ei ni se,**

Tichuan a fun ni chu a en leh nghal a.

Ni 15/01/06 tih a lo inziak a.

Butter chu lei a chi leh chi loh chhûtpui rawh le.

— Butter an pack thla chu _____

— Ni 15/01/06 ațanga chhûtin eng thlaah nge ni 180 a nih ang? _____

— Chhanhiman butter chu 15 May 2006-ah ei se, a la pawl lo thei ang em? _____

Thil i leiin a fûn hun i en thin em?

Damdawi ten expiry date (thih hun) an neih hi i lo hre tawh thin em?

Chu chuan kha damdawi kha engtik hun hnulam ațangin nge ei a him loh tih a hriattir?

Zawng chhuak rawh

* Eng thil dangah te nge expiry date chuang thin?

Khuh damdawi burah tihian a inziak:

Mfg. date 07/03

July 2003-a siam a nih a tar lang.

Exp. date 07/05

Hei hian he damdawi hi ei a him chin thla leh kum a târ lang.

* Eng thla leh kum nge 07/05 tiha kan ziah?

Khuh damdawi chu September 2005-ah ei a la him ang em? _____

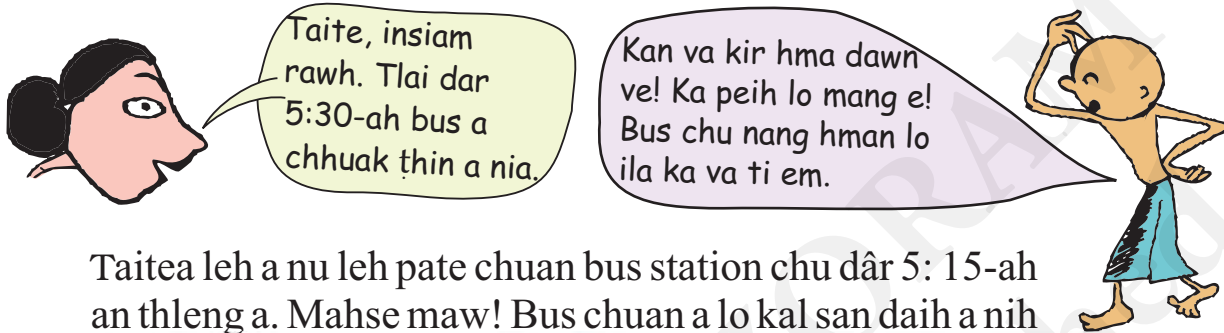


Naupangte chu manufacturing date emaw, expiry date emaw te awmzia hre tura beisei an ni lo. Amaherawhchu hengte hian damdawi chu engtika siam nge a nih a, engtik thlang nge him taka ei theih a nih tih hmehriat nana an hman a tha. Thil dang hrang hranga heng nambar inziakte hi chhiar turin naupangte hi fuih tur.



Bus-in Taitea a tlânsan

Taitea te sikul chu nipui chawlh avângin khar a ni a. A pite a va tlawh a, chutah chuan a unaute nêñ an inhmua a. Nuam a tih em avangin an in lama haw chu a châk lo viau mai a.



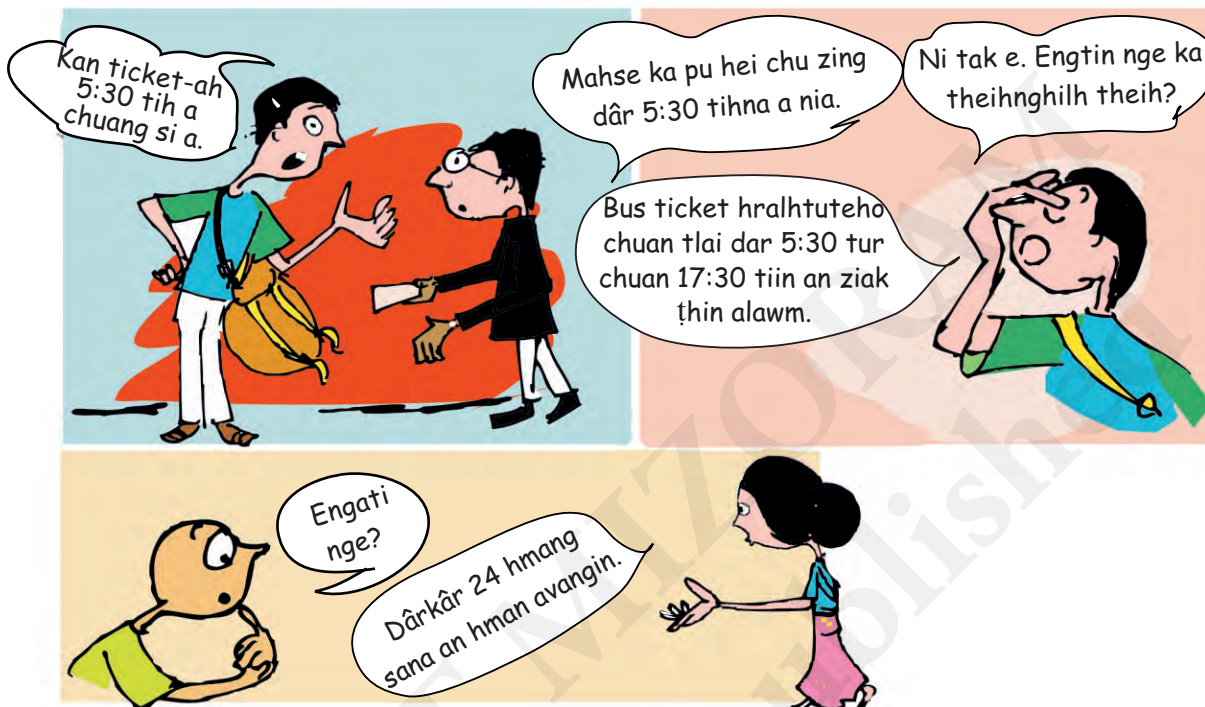
Taitea leh a nu leh pate chuan bus station chu dâr 5: 15-ah an thleng a. Mahse maw! Bus chuan a lo kal san daih a nih chu!



Bus an nan lohna chhan chu i hre thei em le?



Bus chu tlai ni lovin zing dâr 5:30-ah a lo chhuak alawm! Taitea nu leh pate chu an lungawi lo hle a, bus conductor chu thu an zawt fiah ta a —



He chart hi en teh le. I sana leh dârkar 24 hmang sana danglamna a tilang. Han dah khat teh le.

<i>I sana hun (dârkar 12 hmang)</i>	<i>Dârkar 24 hmang sana</i>
Chawhnu dâr 1	13:00
Chawhnu dâr 2	14:00
Chawhnu dâr 3	_____
Tlai dâr 3:30	15:30
Tlai dâr 6:00	_____
Tlai dâr 9:00	_____
Zanlai dâr 12:00	_____



Tunah chuan dârkâr 24 hmang sana an tih chhan i sawi thei tawh ang em?



Bus chhuah hun chu zan dâr 8:30 ni se, bus ticket-a a inziak dân tur chu _____ a ni.

Dârkâr 12 sanaah chuan dâr tin hi ni khatah vawi hnih a thleng nawn thin. Tichuan, zing 5:30 chu 5:30 a.m a ni a . Tlai 5:30 chu 5:30 p.m. a ni thung.



Chawhnu 12:30 hi engtin nge ni ta ang le?



12:30 p.m tih a ni. Chhun dâr 12 ațanga zanlai dâr 12 thleng hian p.m. tih kan hmang.



Ni chhuah hun leh tlâk hun i chhinchhiah tawh ngei ang a.

A.M. leh P.M. hmangin a hnuaiah hian han ziaak teh le.

Ni chhuah hun

Ni tlâk hun



Dârkâr 24 hmang sana khawiah nge i hmuh tawh?

1. _____
2. _____
3. _____





5 Khawvel Lan Dan

Boruaka Mickey-a zinkawng

Mickey-a chu sazu te huaissen tak a ni a. Ni khat chu naupangho balloon thlawkthei lian pui khâl lai a hmu a. Balloon chu kâng chhovin in chung a han tawng a. Mickey-a chu tiphûr êm êm in, ngaihtuahna a neihtir a. A tuka naupangho sikul kal hlan chuan Mickey-a chu balloon thlunna hruiah chuan a lawn ta a. Chung lam aţang chuan fan bânthe a zu hmu thei a.



Ehe! fan bânthe chu a va bân êm êm ve. A hnuai lam aţang a lan fai fai nê.

❖ Fan chu chung lam aţanga thlira a lan dan tur lem ziaak rawh.

Mickey-a chu a hawi thla a. Khum te, chair te, dawhkân pakhat a chungah lehkhaw awm te leh dawhkân dang a chungah bottle, jug, thei leh ei tur awm te a zu hmu a.

❖ Thlalakah hian chung thilte chu i hmu thei em?



Chinky-i khuan cheese a zawng a nih khu. Jug chungah a awm tih pawh a hmu ve thei si lo va.

He thawnthu hi hre thiam turin suangtuah thiam fê a ngai a. Tin, naupangten thil hrang hrangte hi thlirna hmun hlat zâwng leh thlir zâwng hrang hrang aţanga thlirin an lan dan leh len zâwng a dan theih dân mumal taka an sawi ho a ţha. Amaherawhchu, thawnthu hi a ngaihnamna bo ţak khawpa chung thilte buaipui chu a ţul lem lo.

❖ Chinky-i hmuh theih loh jug chung a cheese awm Mickey-an a hmuh theih chhan i sawi thei em?

Chutih lai tak chuan thli na tak maiin balloon chu room pawnah a len chhuak ta a.

Balloon chu a thlawk sang zêl a, Mickey-a pawh chu a thlawk chho ve ta zêl a. A hawi thlak chuan a in chu a hmu thei a.

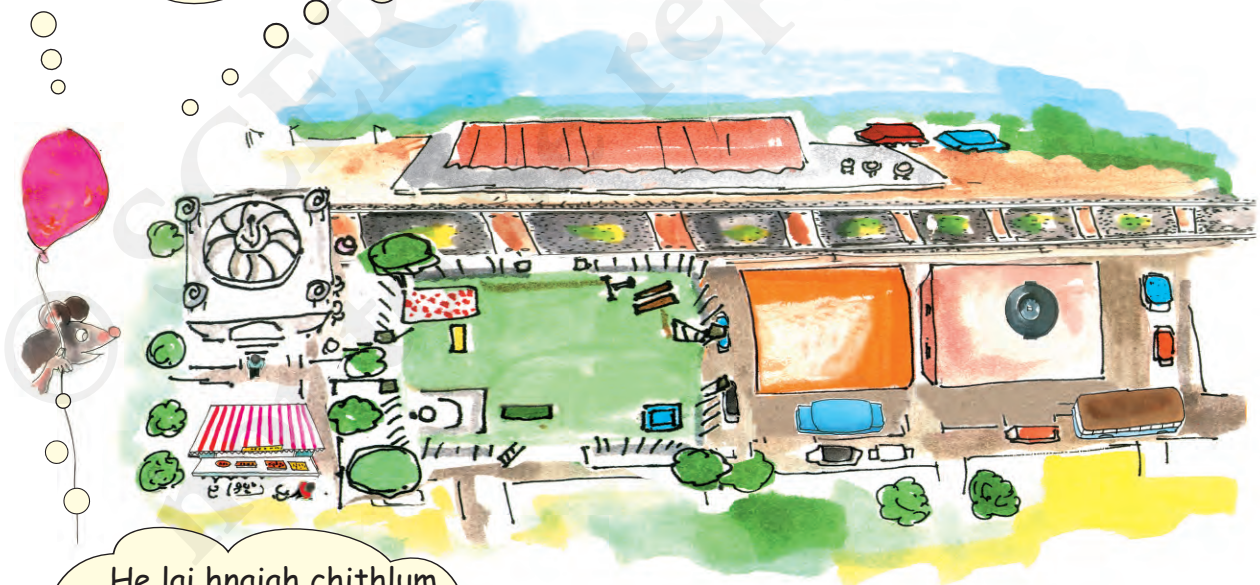
A thlawk sang zêl a, a in bula thil awmte chu a hmuh belh zel a. Chungte chu - park, biakin, rêl kawng, chithlum dawr leh tuizem lian pui awmna Mary-i te in te a ni.

In chhûnga ka tlân kual t̃hin khan a lian viau khan ka hria a, mahse heta t̃ang hi chuan a lang t̃ê kher mai. Engtin nge a nih theih aw!

Rêl kawnga mi khu tu nge? Zawhte thau Monty-a a ni em? Ha! Ha! Ha!.. heta t̃ang hi chuan sazu var lian a ang mai alawm le.

Hei hi nitin John-a kalna biakin a va ni mai awm ve.

He lai hnaiah chithlum zawrhna a awm tih ka lo hre rêng rêng hlei nem.



- ❖ Chung lam aṭanga in classroom lan dân tur han suangtuah teh. A lem ziaak tum la, ṭhutthlêngsei te, blackboard te, kawngkhar te, tukverh te leh a dang te i ziaak tel dawn nia.

Balloon chu a kâng sang chho zel a, in te, kalkawng te leh bus tam tak a hmuh belh zel a, Mickey-a chuan khawvel len dân tur a ngaihtuah a.



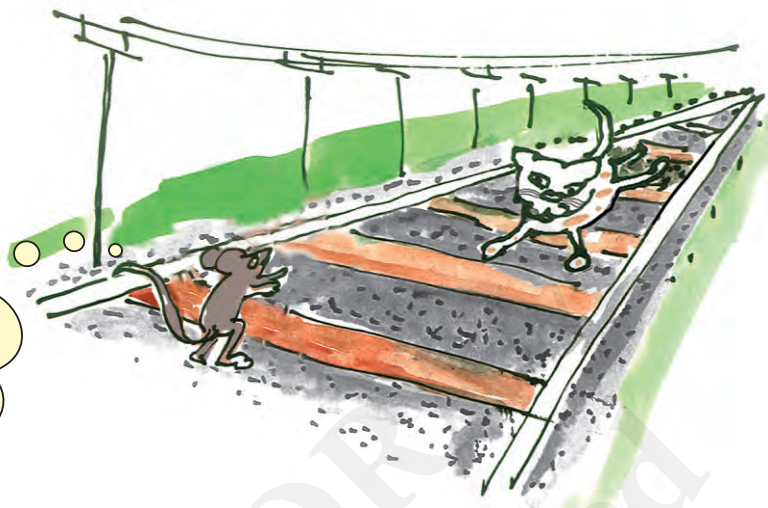
Thawk leh khatah eng emaw hi a puak ri dur mai a. Balloon chu a puak a lo ni a, a tla thla ta vawn vawn mai a. Thil zawng zawng chu an lang lian leh ta tulh tulh a. Awi! ... Mickey-a chu rêl kawngah chuan a tla ta dup mai a. Amah leh sazu dang ûmtu Monty-a laka him tur chuan a tlanche ta a.

Chunglam aṭanga Mickey-an rêl kawng a ena, a lan dân chu hetiang hi a ni. —



Mahse rêl kawnga a tlâk chuan hei hi a lan dân chu a ni.

Aw! Chung lam aţanga thlir leh a sir zâwnga thlir chuan thil a lo va lang danglam thei ve.



- ❖ Heng thlalâkte hi enin, a hma lama lang lian si a, zuih anga an lan chhan sawi ho rawh u.



Awm dan thuhmun leh lan dan pahnih rin zawm

Hei hi chung lam aţanga hmeichhia a insawizawi lai lan dan a ni.

A hnuaia thlalâk zingah hian pakhat chauh he insawizawi lai nena inang chiah hi a awm. Chu chu thai rawh.



Hêngte hi bowl thuhmun, thlir dan azira an lan dan a ni.



- ❖ Eng thlalâk zâwkah hian nge bowl-te hi khup anga an lan? _____
Thlalâk 3-na a sir zâwnga an lanna hi en la i chhâng thei ang.



- ❖ Pipe leh kâk lemte hi chung lam atang leh sir zawnga an lan dan a ni a, dik takin rin zawm rawh.

— Pipe

— Kâk



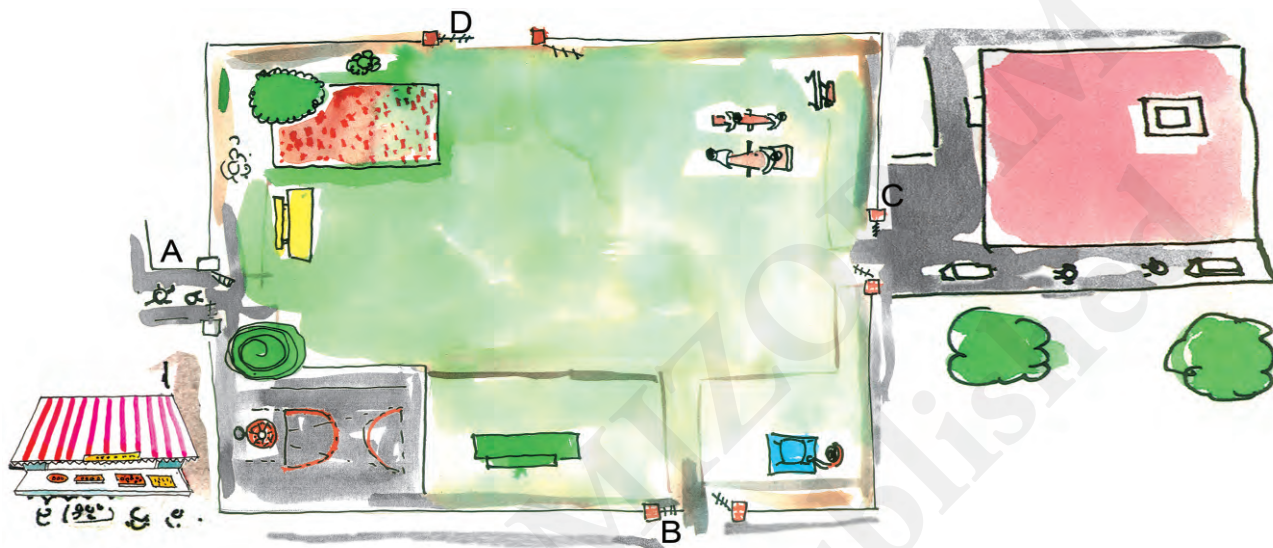
- ❖ Pheikhawk a chung lam, sir, hma lam, etc .. ațanga a lan dan lem ziah tum ang che.

Kil hrang hrang ațanga thil lan dan ngaihruat leh zawn chhuah chu naupangte tan thil phurawm tak a ni thei. Tin, hei hian thil pianzia, an hlat dân, etc .. hriat thiamna a neihtir thei bawk.

Mickey-a in hnunga park

Mickey-a te in hnung lama park awm kha i la hria em?

A hnuaia hi kha park thlalâk lian zawk kha dah a ni e. Uluk takin en la, zawhnate hi i chhâng dâwn nia.

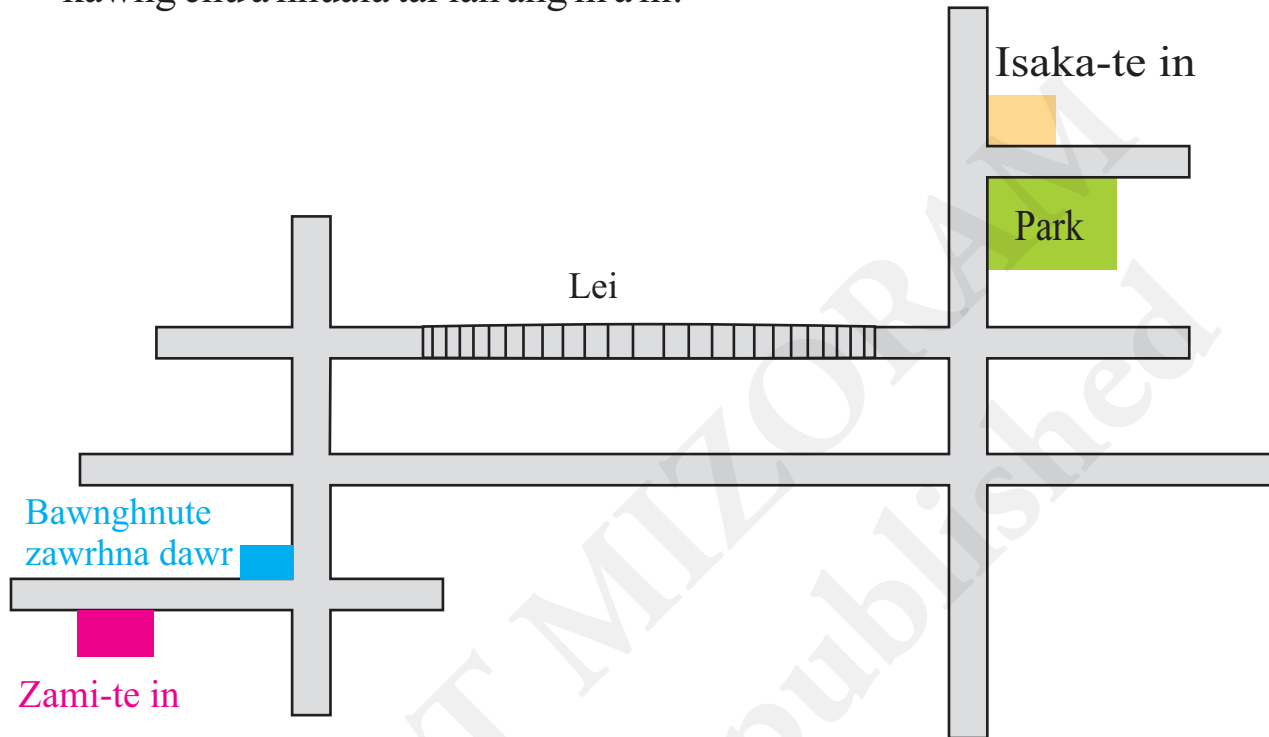


- ❖ Gate A/B/C/D-te zinga chithlum dawr hnaih ber gate thai rawh.
 - ❖ Eng gate nge Mickey-a te in aṭanga hnai ber?
 - ❖ Gate B ah i luh chuan ṭhutthlêng hring chu i vei lam/ ding lam/ hma lamah a awm ang
 - ❖ Mary-i chu park-ah a luh in pangpâr huan chu a ding lamah a awm a. Eng gate aṭangin nge a luh?
 - ❖ Gate C aṭangin lut ta la, a eng hi nge awm hnai ber ang?
1. Basketball court
 2. Pangpâr huan
 3. Ṭhutthleng hring
 4. Inbûkna

Naupangte hian thil hawi zawng hi ding lam, vei lam, etc ... tia chhinchhiah mai hi an ching ṭhin a, amaherawhchu an awmna azirin thil hawi zawngte hi an danglam thei a ni tih hriattir a ṭul. Hmun khat tâna vei lama thil awm hi awmna hmun dang aṭang chuan ding lamah a awm thei tih hriat a ṭha. Activity hmangin hrilh chian tur.

Isaka-te in

Isaka chuan phone in Zami chu an ina kal dân tur a hrilh a. An in kawng chu a hnuaia tar lan ang hi a ni.



Isaka'n Zami a hrilh dan:



“In in aţangin bawnghnute zawrhna thleng pheii la; Vei lam p  ng zawh ang che. Kawngpui intawhna pahnihnaah ding lam p  ng zawh leh la, lei i zawh ang a. Lei piahaa hma lama kal zelin ding lama p  ng hmasa berah p  ng la, metre 100 vel i kalin park zau tak i hmu ang.

Chu park chu i kal pelhin kawng zim deuh tak p  ng i lo thleng ang a. Chu kawng zimte kama in hmasa ber chu kan in chu a ni.

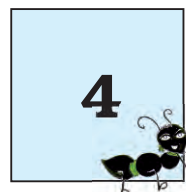
- ❖ Isaka'n sawi dik loh lai a nei em? I tih dik sak thei em?
- ❖ Isaka hrilh danin kal ta se, Zami chuan khawi lai nge a thlen ang? Han tar lang teh.
- ❖ Isaka-te in aţanga Zami-te in kal dan tur ziaak chhuak rawh.

Gibli and the Big Box

Math-Magic Bu 3-na a fanghmir Gibli-i kha i la hria em?

Tûk khat chu Gibli-i chuan a kalkawngah bâwm lian pui mai a hmu a. A lan dan chu hetiang hi a ni.

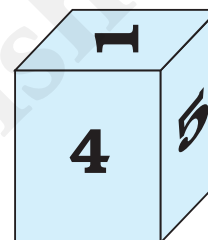
Bâwm hmai khat kal pêlin vei lamah a pêng a. Chu bâwm hmai dang chu a hmu leh a.



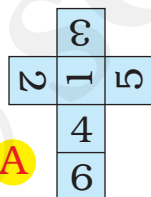
Gibli-i chuan a ngaihna a hre lo hle a. Hei hi eng bâwm nge? No chungah lawnin chuta tang chuan a thlir a. Bâwm chu hetiang hian a hmu a ni.

Chu bâwm chu eng thil chiah nge a nih i hre thei em?

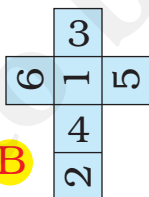
He bâwm hmai inepa nambar awmte belh khawm chu 7 a ni.



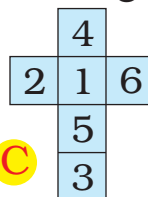
- ❖ 5 epah eng nambar nge awm ang?
- ❖ A lema bâwm mawngah khian eng nambar nge awm?
- ❖ 5 awmna hmai khi kal pelin vei lam hawi leh ta se Gibli-in eng nambar nge a hmuh ang?
- ❖ Bâwm khi phelh darh ta la, eng lem ber hi nge i hmuh ang?



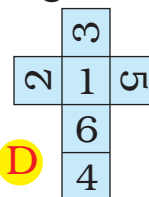
A



B



C



D

A lem dik ber thai rawh.

Ti chhin rawh.

Khitiang pianze nei khi lehkha chhahah ziaak la, chu chu chep thla la. A hmai hrang hrangte khi rawng hrang theuhvin chei ang che. He bâwm hi inkhelh nan i hmang thei ang em?

6

Thil Hlui Zuarfu



Hmeichhe thil hlui zuar *Kabariwali* an tih mai hi i hmu tawh ngai em? Hemi thu hi Patna-a thil hlui zawrhna dawr neitu Kiran-i sawi a ni.



Kan khuaa Hindi tawng hmanga zirna sikulah ka zir a. Ka pa hian hmeichhiate chu mipate ang bawka lehkha zir turin a duh a ni. Hindi leh Science-te hi zir nuam ka ti a, mahse Maths erawh hi chu ka ning thei hle! Tunah chuan ka hna atan Maths hi thil pawimawh ber a ni. Chu chu sikul ka kal laiin ka ngaihtuah pha ngai lo.

A nih leh nang, Maths hi har i ti ve em?

In Maths zirlai buah eng nge har i tih ber? _____

Eng zirlai nge awl i tih ber? _____

Ka naupan laiin ka pa chu a boral hlah mai a. Ka nu chu mi inah a inhlawh thin a. Kan harsa thei hle a ni. Pawl riat ka zawh hnu chuan sikul ka chawhlsan a tul ta a. Zir chhunzawm chu duh hle mah ila ka nu chuan pasal min neihtir a.

Ka pasalte chhungkua chu chirha siam inah an khawsa a. A unau mipa pahnih leh a farnute chuan sikul an kal ngai lo. Ka pasal chuan thingpui dawr a nei ve a.

Zawng chhuak rawh: Thingpui no khat man eng zat nge?

Thingpui no khat man mi han zâwt vel teh.

★ Thingpui dawrah _____

★ Hotel-ah _____

Thingpui dawr neituin ni khatah ₹ 30 hlawh se, ni 10-ah eng zât nge a hlawh ang? _____

A nih thla khatah? _____

Engtin nge a chhâna i hriat theih? Sawi ho rawh u.



Mahnia sumdawn tan ka rilruk a. Tlereuh dawr emaw, puanthuina dawr emaw ka hawng ang chu ka ti a. Mahse ka puin thil hlui zawrhna dâwr a hlawk thu min hrilh a.

Kum 2001-ah ka pasala nu nen thil hlui zawrhna dâwr chu kan hawng ve ta a. Dawr siam nan chuan ₹8000 loan kan la a.

Zawng chhuak rawh: eng nge loan chu?

★ Miin loan a la tih thawm i hre tawh ngai em? Eng atan nge an lâk? _____

★ Chêng eng zât nge an lâk? _____

★ Eng zâtin nge an rulh? _____

Hariya-a leh Babu-a ten tawlailir (handcart) ₹300 man lei an duh a.



Hariya

Thla ruk chhûnga rulh turin bank atangin ₹300 loan ka la a. Bank chu thla tin ₹ 51 ka pe ang.

Kei chuan Chunnialal-a hnên atangin ₹ 300 ka pûk a. Thla ruk hnuah ₹ 360 ka pe ang.



Babu

Tuin nge rulh tur ngah zâwk — Hariya-a nge Babu-a? _____



Kan hnathawh hi miten an nuihzatin min chhaih nan an hmang fo thin. Hna tenawm an ti thin. Mahse kei chuan chutiang chuan ka ngaihtuah ve ngai lo, a tha dawnin ka ring tlat a.

Tunah chuan electric awmna in pangngaiah kan chêng ve tawh a. Fridge, TV leh gas stove te pawh kan nei ve tawh. Ka pasala unaute leh kan fanute pawhin sikul an kal ve tawh.



Keima pualin rickshaw 9 ka nei ve a, chûngte chu ni khatah ₹ 20 zelin an hawh thin. Pathianniah erawh chuan a man ka la ngai lo.

Rickshaw 9 aţang chuan Kiran-in nikhatah eng zât nge a hmuh?

Rickshaw 1 aţangin ni khatah ₹ 20 a hmu a.

Tichuan, rickshaw 9 aţang chuan ₹ _____ a hmu a.

Engtin nge i hmuh chhuah?

Heti hian ka chhût teh ang. 9 vawi 2 chu 18 a ni a. Tichuan 9 vawi 20 chu 180 a ni.



Kei chu ti hian chhût a awl ka ti zâwk.
Rickshaw 10 aţanga hmuh theih zât tur chu
₹ 20 × 10 = ₹ 200. Tichuan, rickshaw 9 aţanga a hmuh theih zât chu
₹ 200 - _____ = _____

A tih dan kawng dang zawng rawh.

Naupangte chu an thiam dan ang zâwnge chawh chhuak turin fuih la, an chawh dan chu sawi ho ni baw se.

* Kâr khatah Kiran-i chuan rickshaw pakhat aṭangin chêng eng zât nge a hlawh?

* *I rilruin chhût la, a dikna zia ang che.*

$$2 \times 6 = \underline{\hspace{2cm}}$$

$$20 \times 6 = \underline{\hspace{2cm}}$$

$$2 \times 60 = \underline{\hspace{2cm}}$$

$$3 \times 42 = \underline{\hspace{2cm}}$$

$$4 \times 80 = \underline{\hspace{2cm}}$$

$$4 \times 81 = \underline{\hspace{2cm}}$$

$$9 \times 25 = \underline{\hspace{2cm}}$$

$$31 \times 9 = \underline{\hspace{2cm}}$$



4 × 81 chu 4 in
4 × 80 aiin a
tam. A dik em?



Thil hlui zawrhna dâwr lian vak lo ka nei a. Thil hlui khawn khâwmtute aṭangin ka lei ṭhin. Anni hian in tina kalin thil hluite hi tawlailir hmangin an rawn la khawm a, tichuan dawr lian zawkah ka lo hralh ve leh ṭhin.

He thil hlui atan hian cheng eng zât nge ka pek ang?

Kiran-i chuan thil hlui ṭhenkhat a hnena rawn zuartute aṭang chuan a lei a.

Vawiina thil mante en la, Kiran-i thil hlui man chhutpui ang che.

* Chanchinbu kg 31 lei nan Kiran-in chêng eng zât nge a pêk ang?

Chanchinbu kg 1 man chu ₹ 5.
kg 30 man chu ₹ 5 × 30 = ₹ 150.
Tichuan, kg 31 atana a pêk zât
tur chu ₹ _____.



Hei hian naupangte chu puntir chawh nan an hriat sa piah lamah kawng hrang hrang dap turin a cho chhuak ang.

Rate-List

Hming	Kg 1 man
1. Lehkha chhia	₹ 4/-
2. Chanchinbu	₹ 5/-
3. Thir chhia	₹ 12/-
4. Dâr chhia	₹ 170/-
5. Plastic	₹ 10/-

Hengte hi ziaak chhuak lovin i ti thei em?



A zavaia belh khawmin thil hluirawn la khâwmtute hnena Kiran-in pawisa a pek tur zât ring rawh.
 — 600 aiin a tam ang em?
 — 600 aiin a tlêm ang em?

Mi fing Kiran-in thil hlui a hralh

Kiran-i chuan thil hlui a neihte chu dâwr lian zawkah a hralh. A mobile phone hmangin mi a man zât a zawt phawt a, to deuhva a hralh theih hunah a hralh chauh thin.



Wawiinah chuan Dinu-a dawrah plastic, chanchinbu, thir chhia leh dâr te hralh turin a feh chhuak a.

Dinu-a chuan thir chhia kg 32, dâr kg 4, chanchin bu kg 152 leh plastic kg 63 te a lo bûksak a.



A. Dinu-a chuan plastic kg 63 atân cheng eng zât nge a pêk ang?

Plastic kg 1 man chu ₹ 12 a ni a.

Tichuan, kg 63 man chu ₹ 12×63 a ni.

Pawl thuma bâwm hmanga nambar pahnih puntir i zir kha i la hria em?

	60	3
10	60×10 600	3×10 30
2	60×2 120	3×2 6

Dinu-a Rate-List

Hming Kg 1 man

1. Chanchinbu ₹ 6/-
2. Thir chhia ₹ 14/-
3. Dâr chhia ₹ 180/-
4. Plastic ₹ 12/-
5. Lehkha chhia ₹ 4.50/-

12 × 63 chuan 63 vawi 12 a entir.

12 vawi 60 chu 720 a ni.

Chuvangin, a chhânna chu 720 aia tam, 800 aia tlêm a ni. A chhan i sawi thei em?.



Bâwma nambar awmte chu Dinu-a chuan a belh a:

$$\begin{array}{r}
 600 \\
 120 \\
 30 \\
 + 6 \\
 \hline
 756
 \end{array}$$

Tichuan, plastic kg 63 man atan Dinu-a chuan ₹ 756 a pe ang.

* Kiran-i chuan plastic kg 1 ₹10-a leiin ₹12-in a hralh leh a. Plastic kg 1-a hralhin chêng eng zât nge a hlawh? ₹ _____

Tichuan, kg 63-ah chuan chêng eng zât nge a hlawh? ₹ _____

B. Kiran-in thir chhia kg 32 a hralh

* Thir chhia kg 32 lei nân Dinu-an cheng eng zât nge a pêk ang?

* Kiran-in thir chhia kg 1 ₹ 12-a leiin ₹ 14-in a hralh leh a.

Thir chhia kg 32 a hralhin Kiran-i chuan chêng eng zât nge a hlawh?
₹ _____

C. Dinu-an chanchinbu kg 152 atan eng zât nge a pêk?

Chanchinbu kg 1 man chu ₹ 6. Tichuan, chanchinbu kg 152 man chu
₹ 6×152 .

Heti hian a ziaak a:

	100	50	2
6	100×6 600	50×6 300	2×6 12

$$6 \times 100 = 600.$$

Chuvangin, a chhâna
chu 600 aia tam. 1000
aiin a tlem ang em?
Sawi fiah rawh.

Bâwm chhunga nambarte chu a belh a:

$$\begin{array}{r} 600 \\ 300 \\ + 12 \\ \hline 912 \end{array}$$

Chanchinbu kg 1 ₹ 4-a
ka lei laiin ₹ 6 in ka
hralh a. kg 152 ka hralh
chuan chêng eng zât
nge ka hlawh tak?

Tichuan, chanchinbu kg 152
man atan chuan Kiran-i chuan
₹ 912 a pe.

D. Dâr manah Dinu-an eng nge a pek?

Dâr kg 4 lei nan Dinu-an chêng eng zah nge a pêk? _____

A zât ring
hmasa phawt
rawh.

A chhuak tur ring hmasa phawt la, i chhut chhuak dawn nia:

- | | |
|---------------------|---------------------|
| a) $37 \times 18 =$ | e) $142 \times 5 =$ |
| b) $45 \times 24 =$ | f) $382 \times 3 =$ |
| c) $69 \times 52 =$ | g) $2 \times 175 =$ |
| d) $77 \times 55 =$ | h) $4 \times 206 =$ |

Ka diary-ah dah khat ang u

Kiran-in thil hlui la khâwmtute hnen aţangin ₹841 pein an thil chu a leisak a. Chûng chu Dinu-a hnenah hralhin Dinu-a chuan hêng pawisate hi a lo pe a.

Note 6



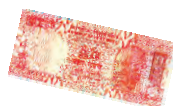
Note 8



Note 3



Note 7



Thir 4



Note 6



Kiran-i chuan a diary-ah heti hian a ziaak lut a.

11 March 2007	
Pawisa ka pêk — ₹ 841	
Pawisa ka hmuh	— ₹ 600
	— ₹ 150
	— ₹ 140
	— ₹ 60
	— ₹ 40
	— ₹ 4
Total	₹ 994
	₹ 994
	— ₹ 841
Ka hlawh:	₹ 153

A hnuah chuan thil hlui la khawmtu chu ₹ 919 a pe a. Chung thil hluite a hralh chuan pawisa note leh thir hetiang hian a dawng a.

thir 28

note 5

note 1



note 18

note 9



Kiran-i diary-ah ziaak lût ve thung rawh le.

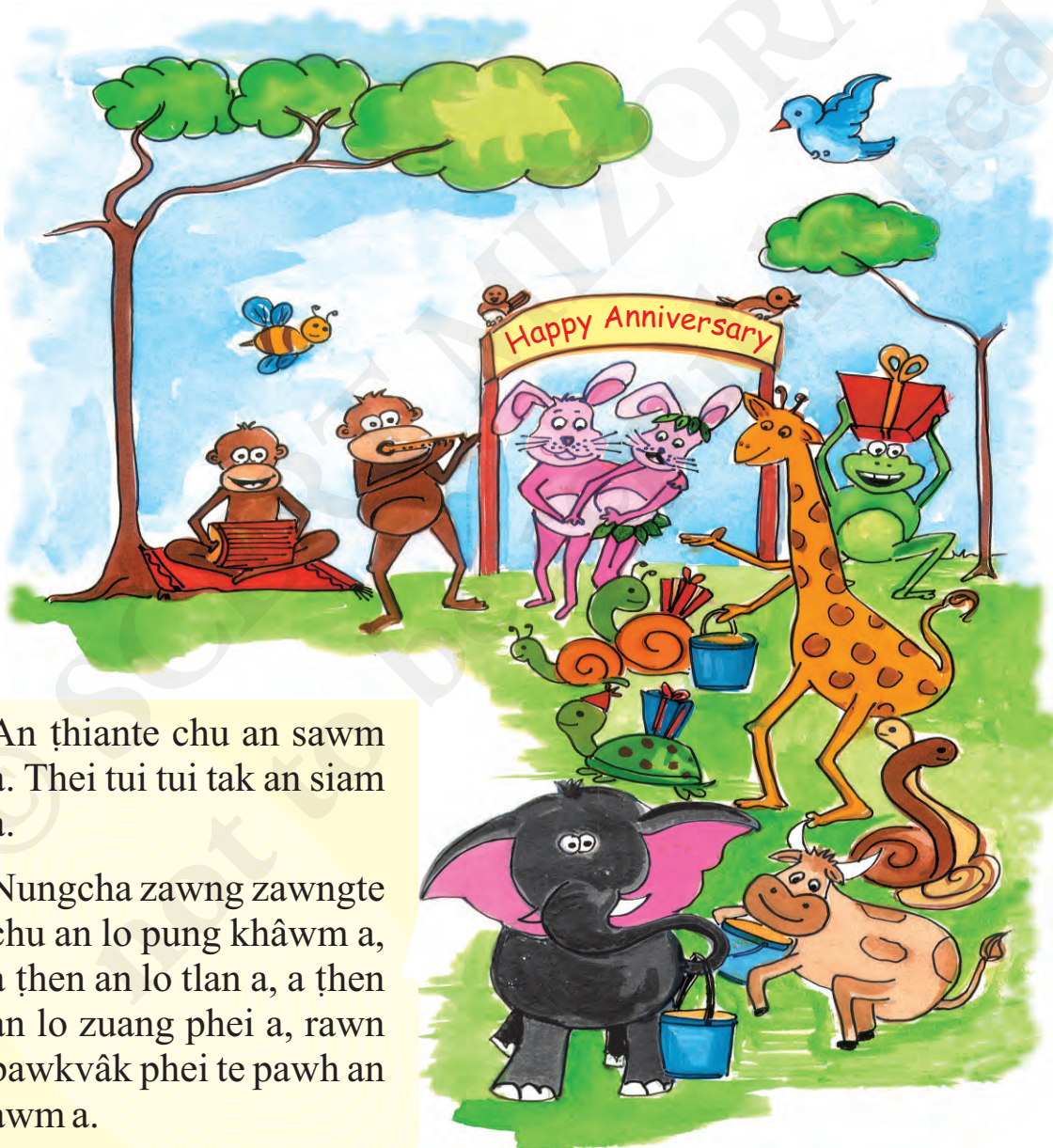
Hemi tum hian eng zat nge a hlawh zawng chhuak ang che.

18 March 2015

7 Jug leh No

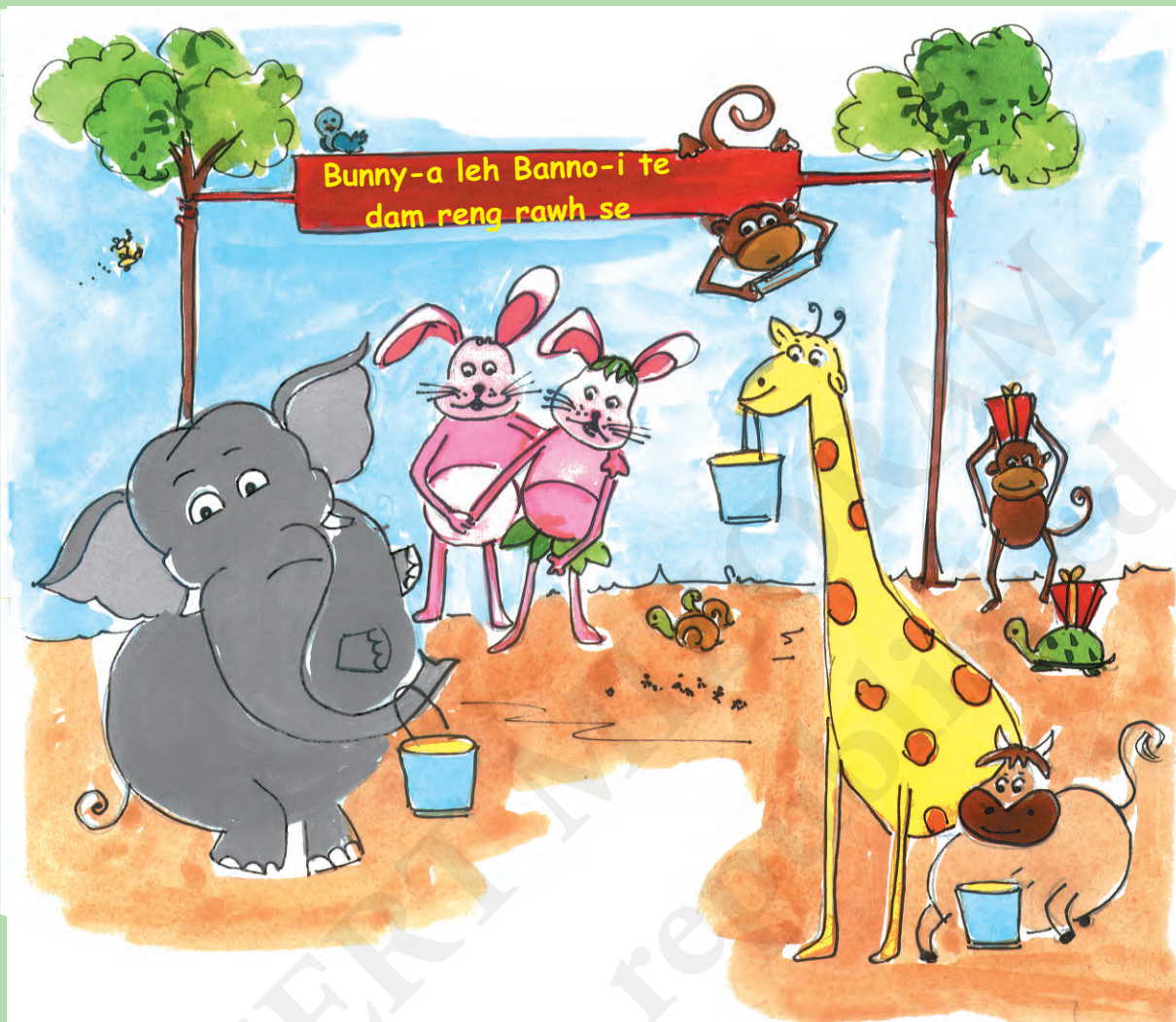
Bunny-a leh Banno-i ten an inneih champha an lâwm

Nikum lamah Bunny-a chhûngten mo an neih thu kha i la hria em? (Math - Magic III-a phêk 151 kha en let rawh) Bunny-a leh Banno-i ten an inneih kum khat tlin lawm nân party an buatsaih a.



An thiante chu an sawm a. Thei tui tui tak an siam a.

Nungcha zawnz zawnge chu an lo pung khâwm a, a then an lo tlan a, a then an lo zuang phei a, rawn bawkvâk phei te pawh an awm a.



Sai chuan litre 50 zeta tam thei tui chu a in mek a.

Giraffe chuan litre _____ a in a.

Bawng chuan litre _____ a in a.

Thehlei a lo kal ve a, a ni chuan, "Theitui litre khat chu ka in seng lo vang, millilitre 500 chauh min lo pe teh u," a ti a.

Sabengtung chuan, "Millilitre 500 maw? Chu chu litre khat aiin a tam a ni lâwm ni?" tiin a zâwt a.

Sihal chuan, "Khaih, khaih! Sabengtung i nihna pho lang mah ta che, litre 1 chu millilitre 1000 a ni a, chuvangin millilitre 500 chu litre chanve tihna a ni mai alâwm," a ti a.

Chungû chu a thian pakuate nêan an lo zuang pheih lauh lauh a. Ani chuan, "Millilitre 100 theuh chauh kan duh ang," a rawn ti ve leh a.



"Aw le ... hei le in thei tui chu," tih pahin zawhte chuan thei tui chu a sem zêl a. No sâwm la in no tinah chuan thei tui millilitre 100 chu a thli lût zêl a.

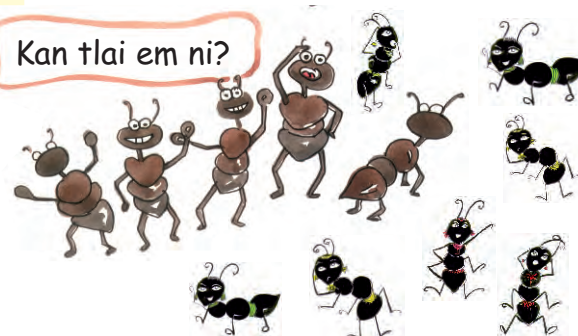


Sabengtung chuan rilru buai zet mai chung hian, "Millilitre 100 theuh no sâwma awm chu eng zât nge ni ta?" tiin a lo zâwt a. Sihai chuan mi dangte aia a finzia lantir theih hun a nei leh ta tih hriain intitheih tak mai hian, "Awlsam lutuk! millilitre 100 vawi sawm chu millilitre _____ a ni a, chu chu litre _____ a ni," a ti a.

Tunah han ziaak ve teh le $10 \times 100 \text{ mL} = \underline{\hspace{2cm}}$

"En teh u! Fanghmirho pawh an kal pheih mêk saw!" tiin khau a rawn a chhuaka.

Zawhte chuan nuam lo ti tak chungin, "Thei tui chu a zo vek tawh, engtin nge kan tih tâk ang?" a ti a.



"Lungngai mah ta che, fanghmir pakhat tân millilitre khat bâk a ngai nang. Ka thei tui in lai hi ka lo sem mai dâwn nia," tiin sai chuan zawhte chu hnemin, a benghlai pui chuan zawhtê mittui chu a hrûksak a.

"In zavaiin eng zât nge in nih?" tiin sai chuan a zawt a.

Fanghmirte chuan, "Sângkhat chauh kan ni e," tiin an lo chhâng a.

Zawhtê chuan, "Sângkhat! Fanghmir sângkhat tân thei tui pêk a ngai!" a ti a. A ngaihtuah chian hnuah sai chuan - "A paw love, kan siam rem thei ang," a ti ta a.

Fanghmir pakhat in millilitre 1 thei tui a in chuan.

Fanghmir 1000 chuan - $1000 \times 1\text{mL} = \text{mL}$ _____ an in ang. "Ah! Chungû sâwmin an in zât kha kan mamawh a nih chu," tiin sabengtung chuan a rawn sawi a. Fanghmirte chuan thei tui chu an in ta t̃euh a. Tichuan, an vai chuan hlim taka zai leh lamin inneih champhaphak chu an lâwm ta a.



Tu nge thei tui litre 1 in thei?

Thei tui hi tui i ti em? In inah eng thei tui nge in in thin?

Eng zât chiah nge thei tui i in theih?

Vawi khatah litre 1 i in thei em?

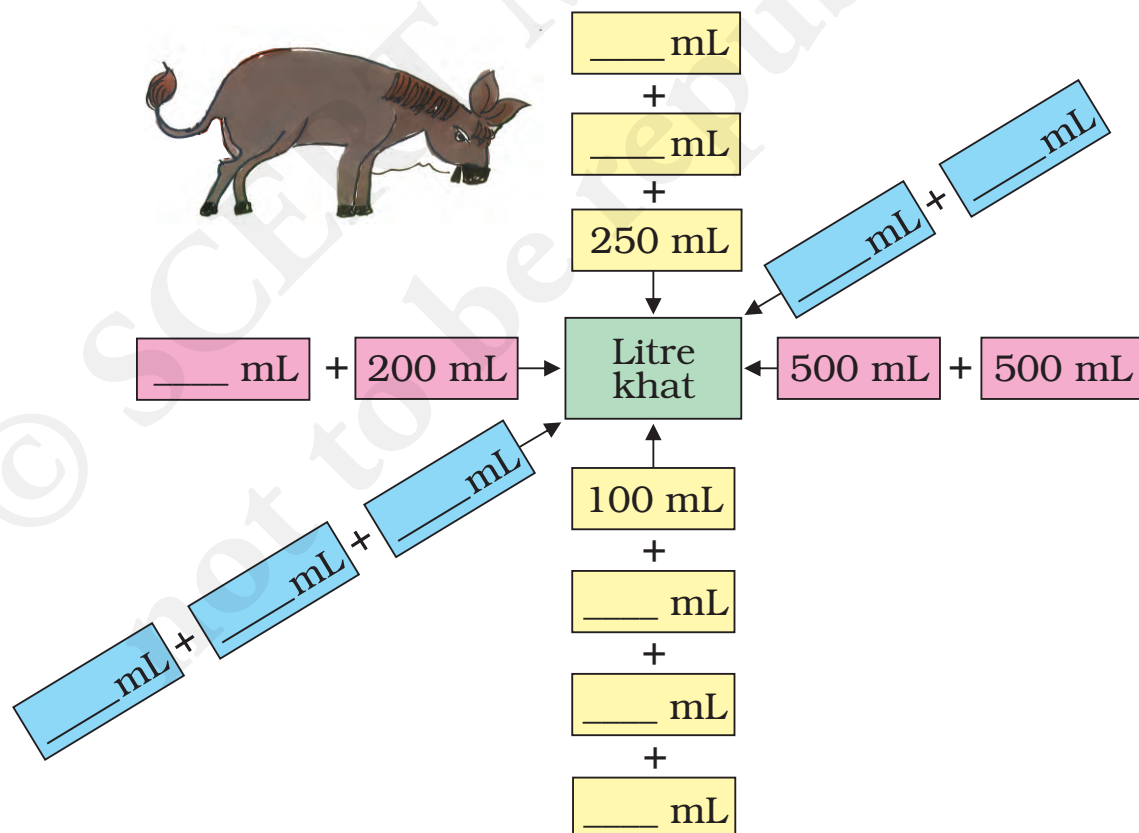
Litre 1 ka in
theih ka ring.



Kei chu 400
mL ka in thei.



Sabengtung chuan kawng hrang hranga litre 1 belh chhuah dan a
zawng mêk a, han pui teh le.



Hawi vel teh

Thil lemte hi en teh. Hetianga packet emaw bottle emaw awm thin thil dang ngaihtuah la, ziaak chhuak ang che.



Packet	mL emaw L emaw zât?
Bawnghnute	500 mL



Litre 1 dawng bottle (tuithawl)

Litre khat dawng bottle i hmu tawh ngai em?



Litre khat dawng bottle leh a aia dawng tlêm bottle-te la khâwm ang che. Litre khat bottle tihkhah nân bottle-tê aţangte chuan vawi eng zât theuh nge i chhûn ang tih ring chhin rawh.

I rin dik leh dik loh fiah la,
table hi dah khat ang che.

Bottle	Ka rin dan	Ka teh hnu ah
Bottle 1		
Bottle 2		
Bottle 3		

Adithyan-a thusawi hi en teh?

Bottle tê khat tui vawi
hnih ka chhûnin litre 1
bottle hi a khat chiah.

Adithyan

Bottle tê a tui leng zât
chu? _____

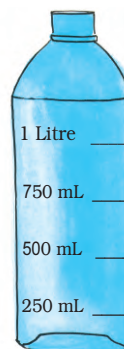
Litre 1 bottle
tihkhah nân he bottle tê
a tang hian vawi 5 ka
chhun a ngai.

Leela

Leela-i bottle a tui leng
zât chu? _____

Ramu-a tehna bottle

Ramu-a chuan coconut hriak bûr
ruak 250 mL dawng a chhar a. A
lem hi en la, bottle lian a dawn
hlawk zâwng tehna a siam dan hi
sawi ho rawh u.



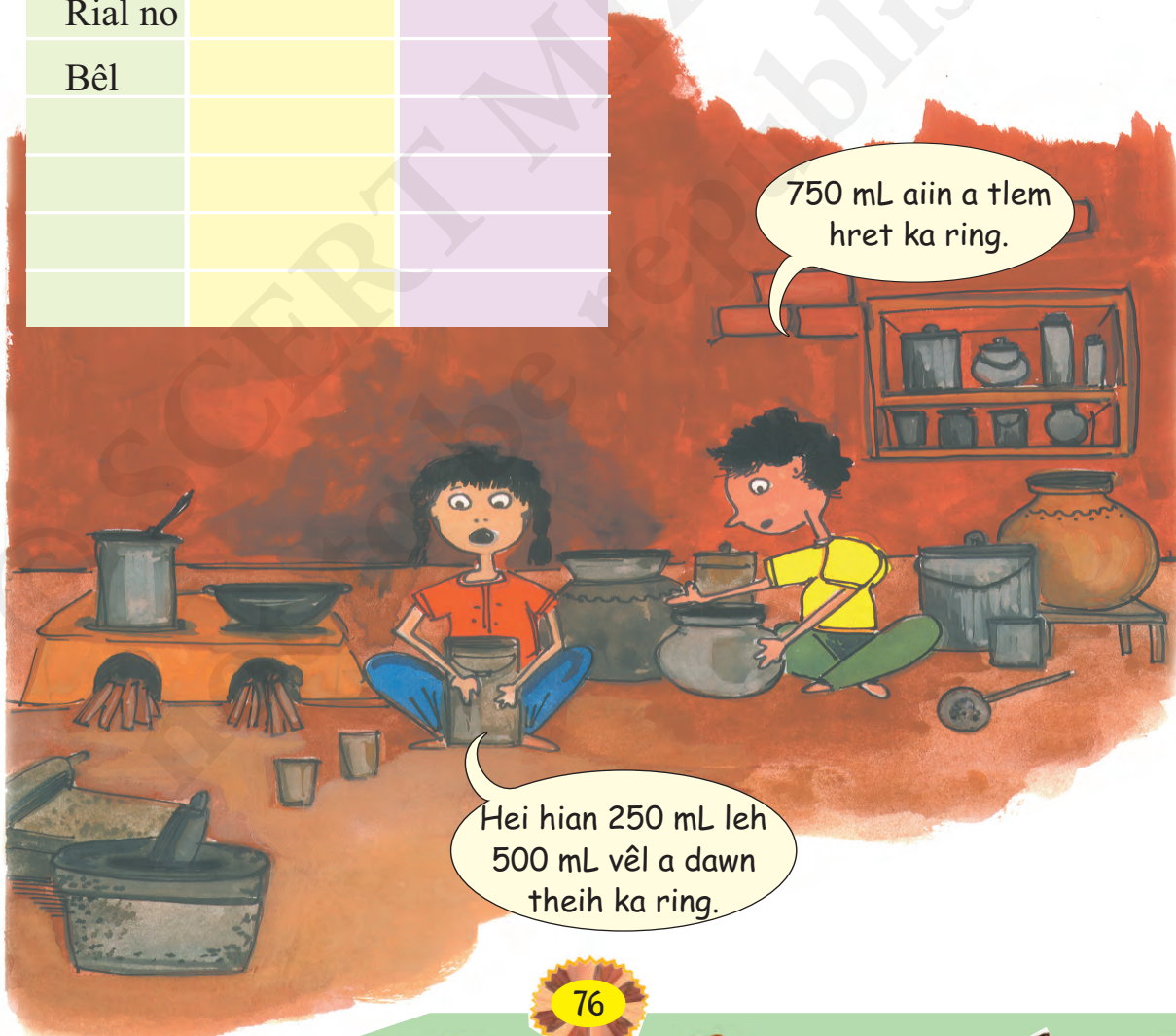
Ka tehna bottle

Mahniin bottle 200 mL, 400 mL, 600 mL, 800 mL leh 1 litre teh theihna siam dan zawng rawh. I thiante leh in zirtirtute nêh i siam chhuah dân in sawi ho dawn nia.

Ring la finfiah rawh.

In ina thil awm - bucket, no, bêl leh a dangte kha han thlir vang vang la, tui an dawn theih zât âwm han ring chhin teh le. I tehna bottle hmang khân i rin dik leh dik loh i finfiah dân nia.

	Ka rin	Ka teh hnua
Nopui		
Rial no		
Bêl		

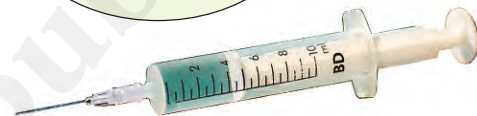
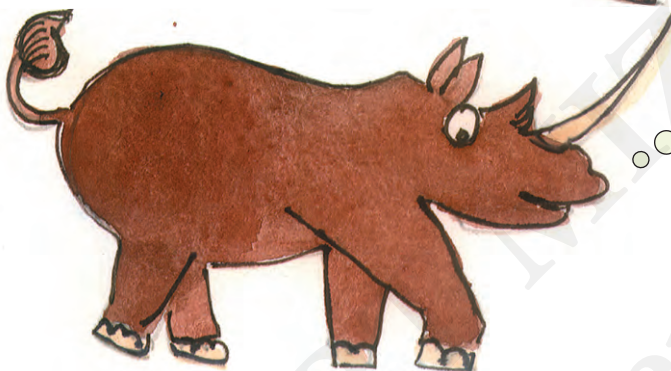


Damdawi inah Neetu-i

Neetu-i chuan ni khata vawi thum zel injection lain ni 5 chhûng a lâk a ngai a.

Ni khatah damdawi eng zât nge a mamawh?

Ni nga chhûnga a damdawi mamawh zât chu?



Tum khatah eng zat nge kan hman?

❖ Mit thlawr Tumkhatah 1 mL aia tlêm kan hmang.

❖ _____

❖ _____

❖ _____

❖ _____

Tum khatah litre 1 aia tam kan hmante ziaak chhuak rawh.

❖ Inbualna atân tui.

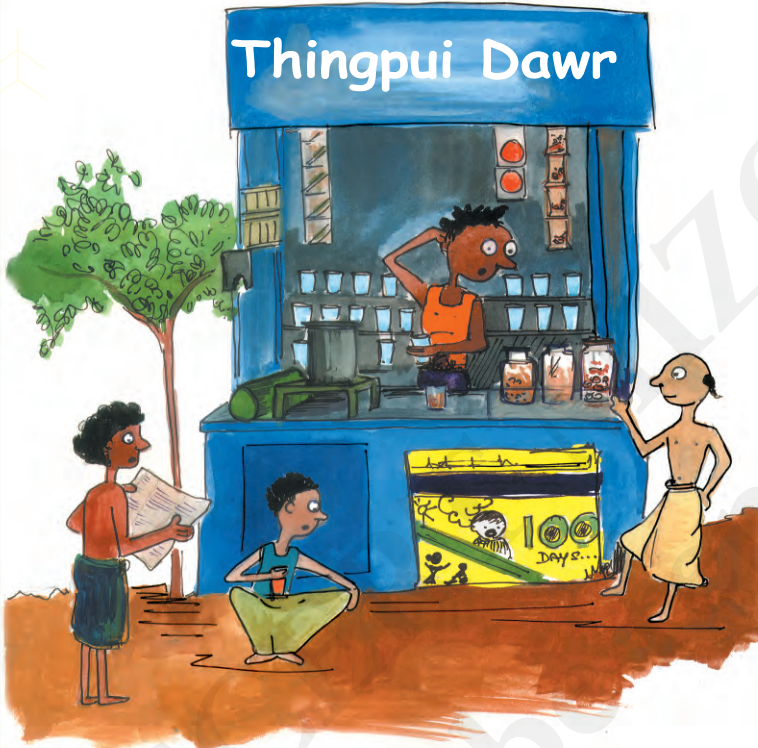
❖ _____

❖ _____

❖ _____

Tihchhin hun

1. Amina-i tuithâwl dawn hlâwk zâwng chu 1 litre a ni a. Tuithâwl aţang chuan tui 250 mL a in hnuah a ʈianpa Govind-an 150 mL a in ve leh a. Tuithâwlah chuan tui eng zât nge la bâng?
2. Yusuf-a chuan thingpui dâwr a hawng a. Thingpui no khat siam nân bawngnhute 20 mL a mamawh ʈhin. Niminah thingpui no 100 a siam a, bawngnhute eng zât nge a hman?



3. Radha-i pi damlo tan doctor-in damdawi bur 200 mL dawng a pe a, chu chu ni sawm chhung tûk tin a in tur tâwk a ni.

Tûk tin Radha-i pi damdawi in zât chu millilitre eng zât nge? _____



Tui — Tui

A hnuaia table-ah hian Goodallur khuua chêng mi 5 awmna chhûngkua in ni tin tui an hman zât târ lan a ni.

Thil tih	Tui litre-a tehî (L)
Rawngbâwl leh in atân	30 L
Insûk nân	40 L
Bêl sil nân	20 L
Inbual nân	75 L



An tui hman zawng zawng chu _____

In chhûngkuain ni khatah tui litre eng zât nge in hman thî? Ring la, table hi dah khat ang che.

Thiltih	Tui hman (bucket zât)	Tui hman (litre-in)
Rawngbâwl leh in atân		
Insûk nân		
Bêl sil nân		

Tui mal far tê tîn tui pui lian a siam

In sikulah emaw in inah emaw tui herhhawna pût a awm em?

Tui hi a herhhawna a tanga a put hian eng zât nge pût rala i rin?

Tui pûtna hnuaiah khân bottle han dawh la, dâr zât chhinchhiah rawh. Darkâr khat hnuaah bottle-a tui tling zât chu en ang che.

Ni khata tui luangral zât zawng chhuak ang che. _____

Kar khata luang ral zât _____

Thla khata luang ral zât _____

Kum khata luang ral zât _____

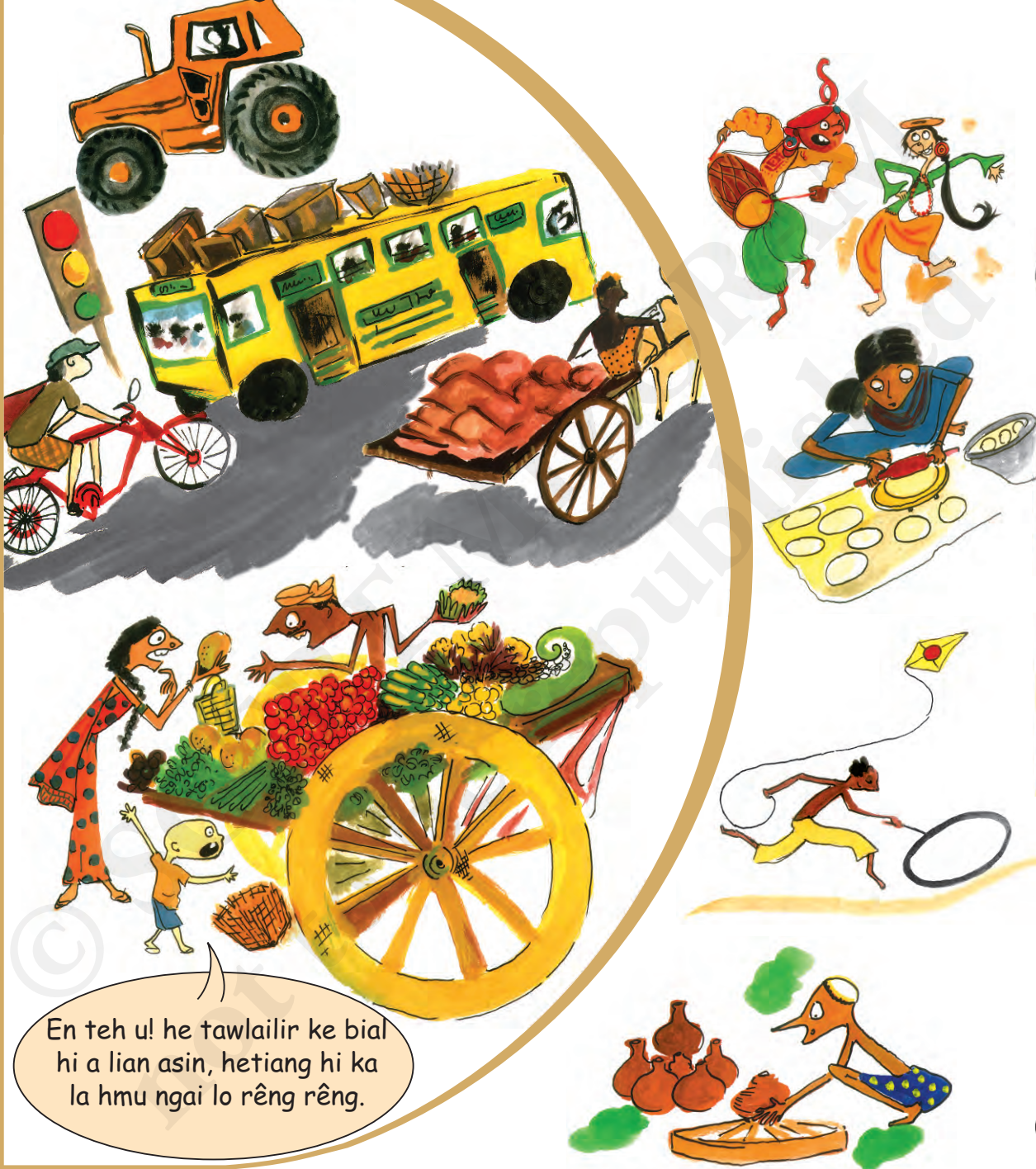


Chelannur khuah milk society a awm a, chutah chuan bawnghnute litre 4 lei turin Geetha-i leh Ammini-i te an va kal a. Bawnghnute lo sem chhuaktu chuan litre 1 tehna tur a nei lo va. Litr 3 leh litre 5 dawng bûr chiah a kaw l a. Chuti chung chuan bawnghnute litre 4 chiah chu a lo pe thei ta tho va.

Engtin nge a pêk theih dân sawi fiah rawh.

8

Tawlwailir leh Ke Bial



En teh u! he tawlwailir ke bial
hi a lian asin, hetiang hi ka
la hmu ngai lo rêng rêng.

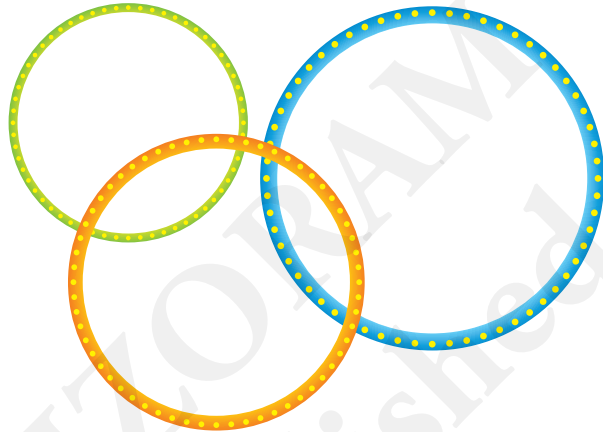
In chheh vêlah thil bial dangte pawh in hmu tawh ngei ang a, chûngte
chu han ziak chhuak ve teh u.

Ngûn Bial

Ngun zawrhna dawrah in kal tawh ngai em?



Heng ngûnte hi ka
bun thei lo. A te
lutuk.



* Heng ngunte zingah hian i bun tâwk
han ring teh.

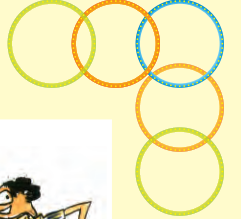
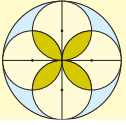
* Thirzai la la, i ngûn tur han siam ve teh le. In zirtirtuin a bun tâwk
ve ang em? _____

* Ngûn hi circle zûl chhuah nan a hman theih a. Circle zûl chhuah
nâna hman theih thil dang i hmuhte han sawi ve teh?

* Hêng hmangte hian i lehkhapuanah emaw chhuatah emaw circle
zûl chhuak ang che.

Eng hian nge circle tê ber siam?

Eng hian nge circle lian ber siam?



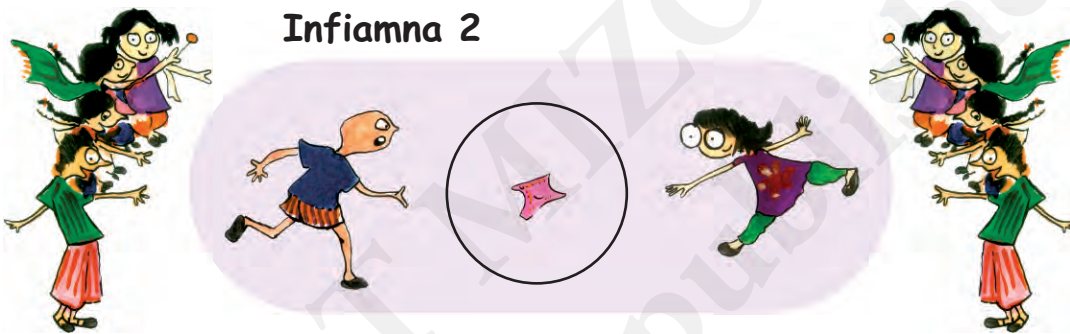
Circle hmanga infiamna

Naupangte chu an infiam a

.....



Infiamna 1



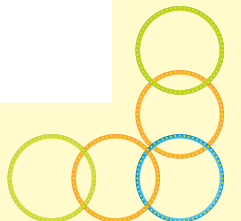
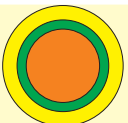
Infiamna 2

Hetiang hian in infiam ve ngai em?
Hetiang infiam pah hian eng hla nge in sak thin?
In sikulah pawh hetiang hian infiam ve ta che u.

Eng vângin nge hetiang kan infiam hian
circle kan siam kher?

Rectangle siam ni ta zawk se engtin nge a
awm ang? Sawi ho ila.

* Circle hman telna infiamna dang han
ngaihtuah teh u.



Circle siam dan

Nemi, Chhingpuia leh Arini-te chu an infiam dâwn a. Tual zawlah chuan circle lian pui siam an duh a. Mahse an duh ang tiat zûl chhuah maina tur a awm si lo. Chuvang chuan Arini chuan hmawlhthe hmangin circle rin a tum a.



Chhingpuia leh Nemi - Circle a ang lo lutuk tlat.

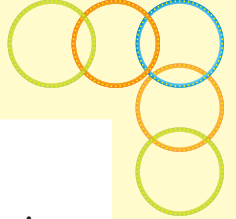
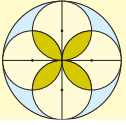
Arini - Chuti a nih leh han rin ve chhin ula.

Chhingpuia leh Nemi pawh chuan tuallaiah chuan circle an han rin ve chhin a.



- * Hêngte hi circle dik tak an ni em? Sawi ho teh u.
- * Chalk hmangin chhuatah circle i siam thei em? Han tum chhin teh.
- * Pencil hmangin i lehkhapuanah circle han siam ve teh.
- * I thiante circle siam nen han entawn vel teh. Tu nge circle ziaik thiam ber che u?

He thiltih hian a tum ber chu naupangten an kut lawngin circle an ziah thiam theihna tura remchang siam a ni ber a. Hmawlhthe hmang pawhin leiah circle hi an ziaik thei bawh a. Circle pianzia an hriat chian lehzuah theih nân lemziak hrang hrangte an khaikhin thei bawh a ni.

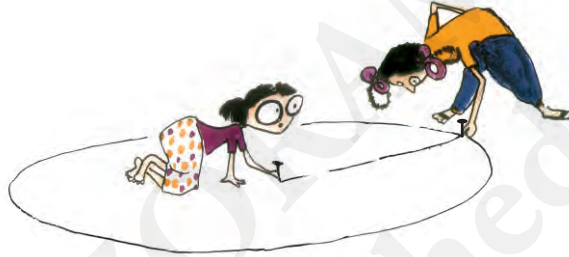


Hrui hmanga circle siam

Arini chuan perek leh hrui hmangin leiah circle siam a tum a. Hrui sin tē a la a, a hmawr ve veah chuan perek a tawn bet a. A thian pakhat nen bial chu an siam ta a. A lem hi en la engtin nge bial an siam hi han en teh le.



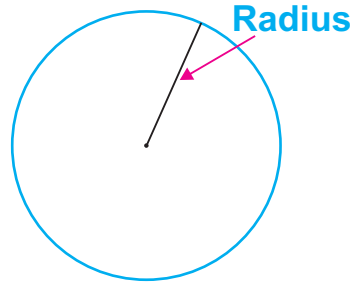
Arini ang hian hrui leh perek hmangin bial i siam ve thiam em?



- * Pawlah inthen ula, han ti ve chhin teh u. Hrui sei zâwng inchen lo vek kha hmang bawk ula. Pawl tinte circle siam kha han en teh u.
- * Tute circle siam nge zîm ber? _____
An hrui hman sei zâwng eng chen nge? _____
- * Hrui a sei poh leh bial a insiam lian em? _____
A chhan i sawi thei em?

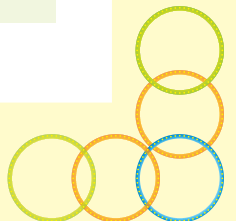
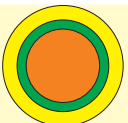


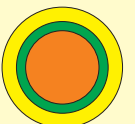
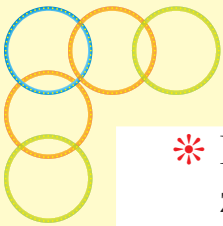
Hrui hman sei zâwng leh circle radius sei zâwng a inchen chiah a ni.



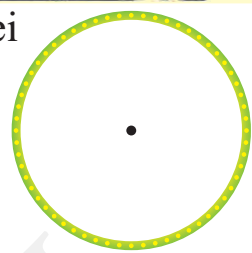
- * Circle zîm ber radius chu eng chen nge? _____

He thiltih hian naupangte chu circle hrang hrang siam a thiamtir bakah, an radius sei zâwng teh te leh radius a danglam anga circle len zâwng pawh a danglam dân a zirtir a ni.





- * Ruler hmangin he ngûn radius hi han rîn la, a radius sei zâwng chu teh baw k ang che.



I thiante ziah pawh en ve baw k la, an radius teh chhuah te zâwt la, in teh chhuah a inang hlawm em?

- * Hêng circle radius te hi han rin teh.

Eng circle hian nge radius nei sei zaw k ang, han ring chhin teh. _____



Circle pahnihte radius hi ruler hmangin teh ang che.

An radius sei zâwng zia k thla baw k ang che.

- * Circle hring radius chu _____

- * Circle pawl radius chu _____

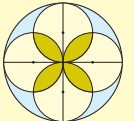
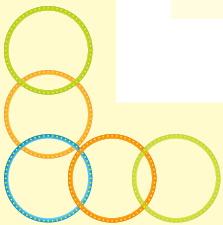
Zawng chhuak rawh

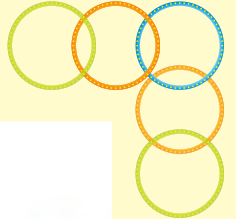
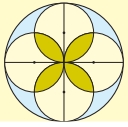
- * Thirsakawr ke emaw taw lailir ke emaw radius teh ang che. A teh nân hrui emaw measuring tape emaw i hmang dawn nia.

Thirsakawr ke emaw taw lailir ke emaw te chu an vaiin an radius a inchen vek em? _____

- * Road roller emaw tractor emaw i hmu taw h em?
- * Eng ke bial nge i hmuh taw hah la lian ber?
- * Road roller emaw tractor emaw kete chu an radius a inang vek em?

Circle chi hrang hrang siama, an radius te teh baw k tur chuan naupangte hian tih tur chi hrang hrang tih chakawm deuh deuh tihpui an ngai a. Taw lailir leh a kete paw h a siamtir theih baw k a ni.



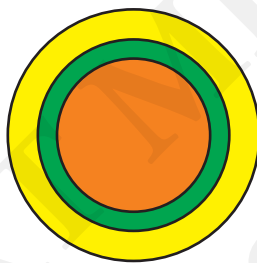
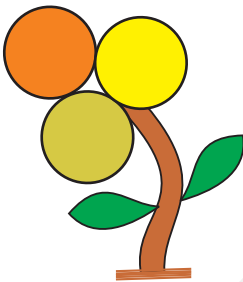


* Seni leh Duma-te chu hruiin banah thlun an ni a. Duma thlunna hrui chu a sei zawk a. Tu in nge hnim pehna hmun nei zau zâwk ang?

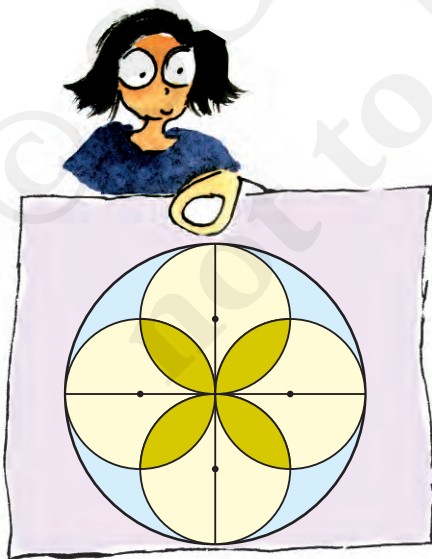


Dara thil duan chhuah

Dara chuan compass hmangin hêng lemte hi a duang chhuak a.

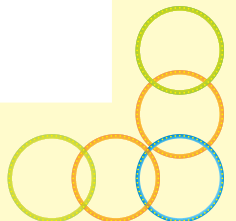
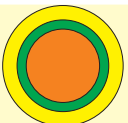


A farnu a lo kal a, milem dang a rawn duan belhpui a.



Chutiang milem chu i duang chhin ve duh em?

Chutiang duang tur chuan compass i hman a ngai ang.





Compass hmanna

* Compass hi i hmu tawh ngai em? Engtin nge circle siam nan i hman ang?

- I compass chu kuai kau rawh le.
- Compass chu a chhip lamah vuan la, a hmâwr zum lam chu lehkhapuanah chhun ang che.
- A hmâwr zum chu tiche lovin pencil zâwk chu tawlh kualtir ang che.
- Circle a lo chhuak em?

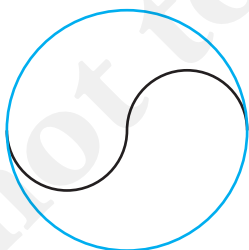
Compass hmâwr zumin a chhunna lai tak hmuh tum teh le.

Chumi a chhunna lai tak chu circle i siam lai tak (centre) a ni.

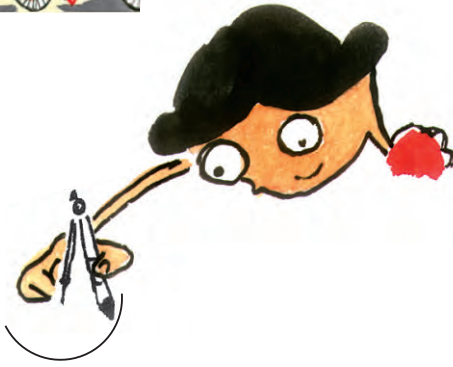
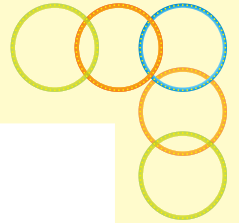
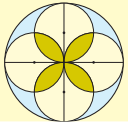
* Compass hmang lova a hmaa i siam ai khân tuna mi hi a bial tha zâwk em? He circle radius hi chhui la, teh bawk ang che.

* Dara ang bawk khan i duh zâwng lem i duang chhuak thei tawh ang. Eng zât chiah nge i siam?

Engtin nge hetiang milem hi an duan chhuah han ring chhin teh le. Bâwm chhûngah hian a anpui chiah compass hmangin siam ve rawh.



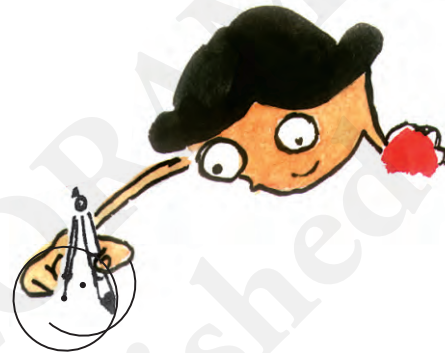
Naupangte chu compass hmanga an duh zâwng zâwng milem siam turin ti la. Chu chu compass hmanga circle lem siam thiamna kawnga puitu a ni bawk ang.



Circle a ni em?

Nemi chuan circle a siam mek a.

Rovin nawhreh a rawn dil a. A compass chu hûm reng chungin nawhreh chu a pe a. A circle siam lai chu a han chhonzawm leh a, mahse hetiang hian a chhuak ta daih a ni.

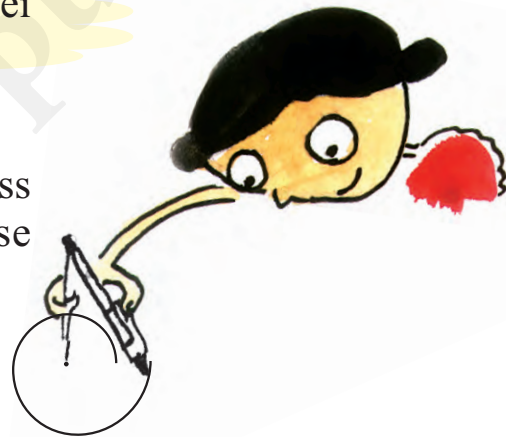


Han ring chhin teh

* Eng vangin nge Nemi thil ziah hi hetia a lo awm? I sawi ho ang u.

Circle hian centre pakhat aia tam a nei thei em ni?

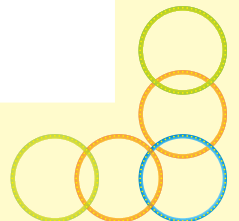
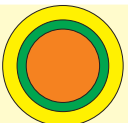
Ni khat dang leh chu Nemi chuan compass hmangin circle siam a tum a. Mahse hetiang hian a lo chhuak a.



* Nemi ang deuh hian hetiang lem hi in siam tawh ngai em?



Ka compass kilhna hi a lo thawl a nih hi... Ka'n herh nghet deuh ang e.. tûnah chuan ka compass hi a tawlh tawh lo vang.



A centre zawng rawh

Saia leh Sawmi-te chuan anmahniin circle siam an duh a.

Compass
hmangin ka
siam teh ang.



Ni lo e, ngûn
hmangin ka'n zûl
teh ang.



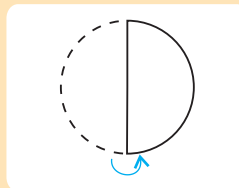
An circle siam chu an han chep thla a.

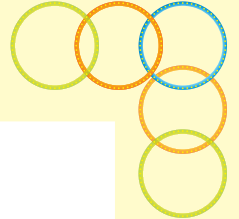
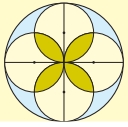
En la, ka circle siam
chuan centre a nei
asin. Khawng e i
circle lai tak a awm
ve a?



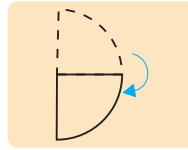
Lungngai suh, ka
zawn chhuah dan
hi lo en rawh aw.

A circle chu a laiah a thlep a.



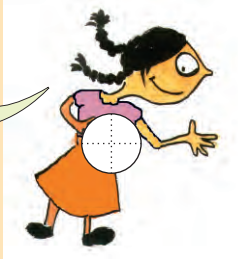


Hetiang hian a thlep leh a.



A circle inthlep chu a kai pharh a.

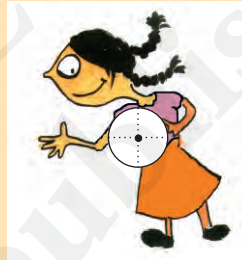
A thlehna rin
pahnih intawhna
hi i hmu thei
em?



Aw..!

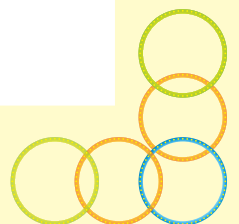
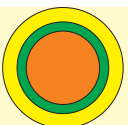
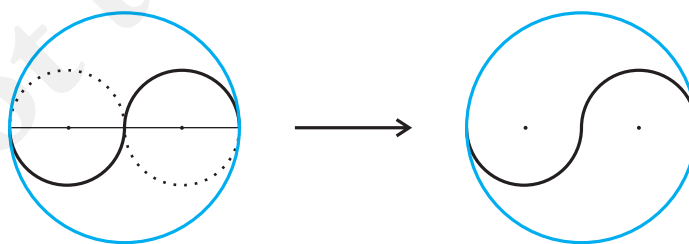


Heng rin intawhnaah
tak hian chhunhan ka
siam a ka circle centre
chu hei hi a ni.



* Tunah chuan Sawmi tih ang hian ngûn hmangin lehkhapuanah
circle chhui ula, a lai tak zawng chhuak bawkw rawh u.

Phek 88-na a mi ang lem kha hetiang hian kan siam thei bawkw asin.
Engtin nge i tih ve?



Bûk dan

I kut zungtang pakhatin thleng i keng thiam em?

Inbûk chiahin
ka han keng ang
e...

Khaih!.. Ka ti
tha leh ang

Thlêng centre
chiah ka hmu
chhuakin ka hria

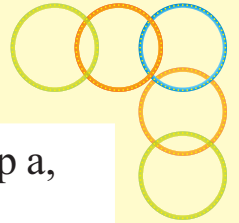
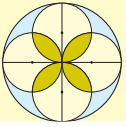


I kut zung hmâwrah thlêng emaw thil chhin bial emaw inbûk chiahin rem han tum ve teh. Khawi laiah tak khan nge a inbûk tawk chiaha a awm?

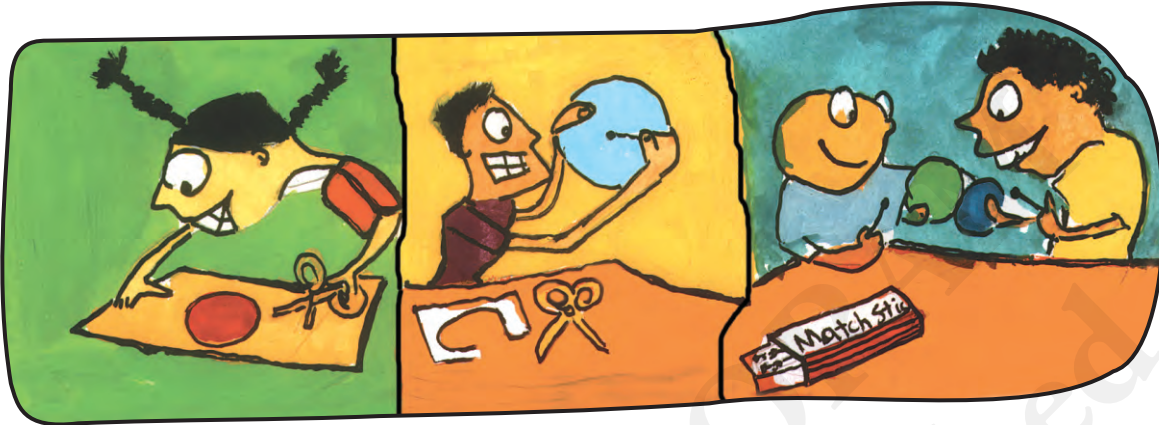
Tuaivir tuai vir rawh le



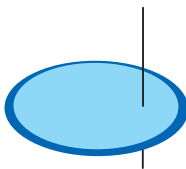
Ruah a sur a. Pawnah an infiam theih loh avangin Zika, Puii, Nemi leh Duha-te chuan in chhûnga awm chu an ning ta hle mai a. Puia chuan tuaivir i siam ang u, a rawn ti chhuak thut a.



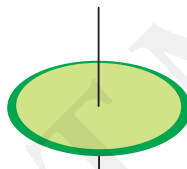
Lehkha khawng an la a, circle an siam a. Chep thlain an rek pawp a, nawhalh fung an thil a.



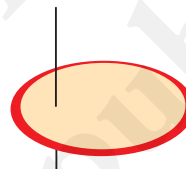
An vai chuan an tuaivirte chu tuai vir an châk êm êm tawh a. Hetiang hian an tuaivirte chu a awm a.



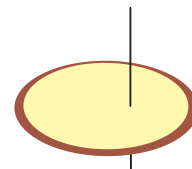
Zika



Puia



Nemi



Duha

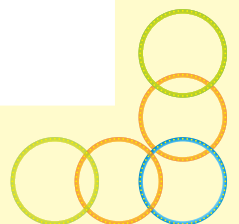
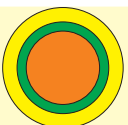
Han ring chhin teh

- * Tu tuaivir nge vir thei lo hulhual ang? _____
- * Tu tuaivir nge vir chê che ang? _____
- * Tu tuaivir nge vir tha ber ang? _____
- * Hmawlhtheina centre a hnaih berna tuaivir hi tu ta nge?

I tuaivir tur siam ve rawh le

I tuaivir tur siam ve la, hetiang hian infiam ta che.

- * Tuaivir chu vir tha turin khawi laiah nge i reh kuak ang?



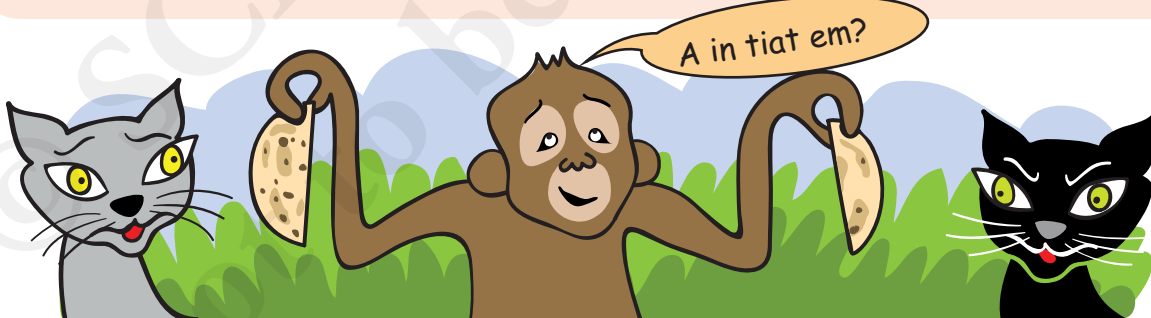


Chanve leh Hmunli-a Then

Zawhte pahnih Mintu-a leh Mottu-a te chu thian an ni a. Tum khat chu Malini-i choka atangin chhangpêr an ru a. Mintu-a chuan, "Keiman ka nei dawn," a ti a. Mottu-a chuan, "Aih, keimah zawkin," a ti ve thung a. Chutia an inhnial buai lai chuan zâwnge pakhat Tittu-a a lo kal a. "Chibai! Buaina a awm em ni? Enga ti nge in inhnial a?" a rawn ti a. Zawhtê te chuan, "He chhangpêr hi insem dân tur kan hre lo va," an ti a. Ani chuan, "Awle! Buaina tur a awm hlei nêh hetiang chhangpêr te chu a intiat chiaha in chan turin ka phelsak ang che u," a ti a. Tittu finga chuan an chhangpêr chu heti hian a phelsak ta a.



Mintu-a leh Mottu-a chuan, "A intiat lo tlat, a vei lam hi a lian zawk a nih hi," an ti a. Tittu-a chuan, "Aw, a ni maw, a intiatin ka han siam ang e," a ti a. A vei lam zawk chu a zai phel a, a ei ta daih a.

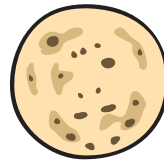


Zawhtê te chuan, "Aw! Tunah chuan a ding lama mi hi a lian daih zawk," an ti leh a. Tittu-a chuan, "Ava pawî ve," tih pahin a lian zâwk chu a phel a, a phel chu a hmawm leh ta daih a. Chhang phel te reuhtê chauh a bâng tawh a. Hei hi chu ka buaipui man a ti a. Tittu-a chuan a bâng awm chhun chu a hmawm vat a, thing kûngah a lâwnsan ta daih a.

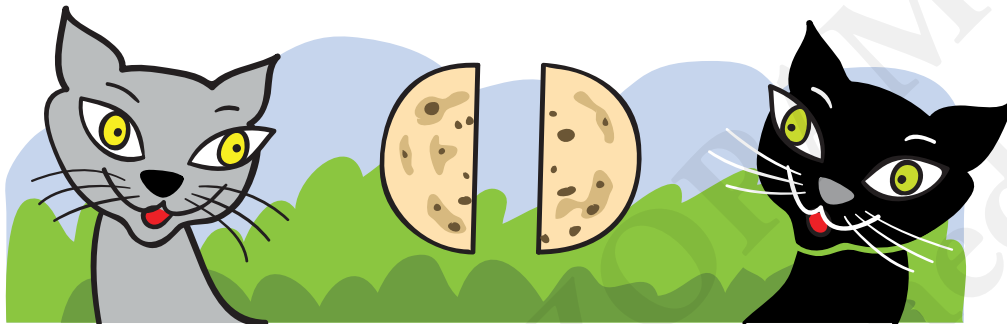


A chanve - a chanve

- ❖ Zawhtê te khan an chhangpêr kha a intiat chiahin phelsak turin ti ta che sela engtin nge i tih ang?



Tittu anga i bum loh chuan zawhtê te khan hetiang hian an chang ang.



A chanve chanve leh

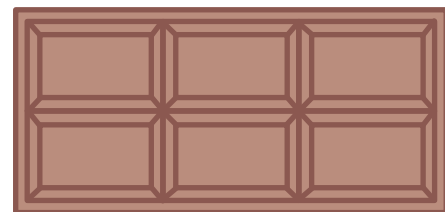
- ❖ Zawhte dang pahnih lo kal belh leh ta se, chhangpêr pakhat chauh kha a intiat theuha an pali a an chan theih turin engtin nge i phel ang?



Phel hrang hrang chanve

Remi chuan chocolate a nei a. A intiat chiahin a phel a, a chanve chu a thiannu Rini a pe a.

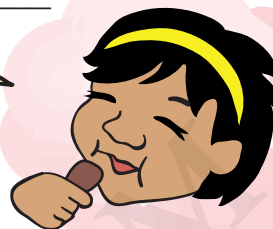
- ❖ Rini chan zawng kualkhung rawh le.



Chocolate phel kha eng zât nge awm? _____

Remi khan phel eng zât nge a la chan? _____

Ha! Chocolate chanve pawh a
pum nen a tui dân a inang reng ...



Phek chanve atangin pianze hrang hrang

Lehkhapuan pakhat la la, triangle pahnih intiat chiaha phel la,
triangle-te chu lehkhapuan chanve ve ve an ni ang.

Triangle-te chu rawng inang lovin chei ang che.

- ✿ Chung triangle te hmang chuan pianze hrang hrang lem siam ang
che. Chutiang lem pakhat chu hetah hian tihlan a ni.

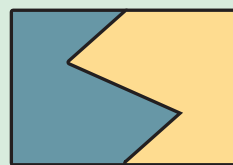


A chanvea phel dân chi hrang hrang



Rectangle pakhat chu hmun
hniha a intiat chiahin ka phel
a. A phelte chu a chanve ve ve
an ni. $\frac{1}{2}$ angin kan ziaak thin a.

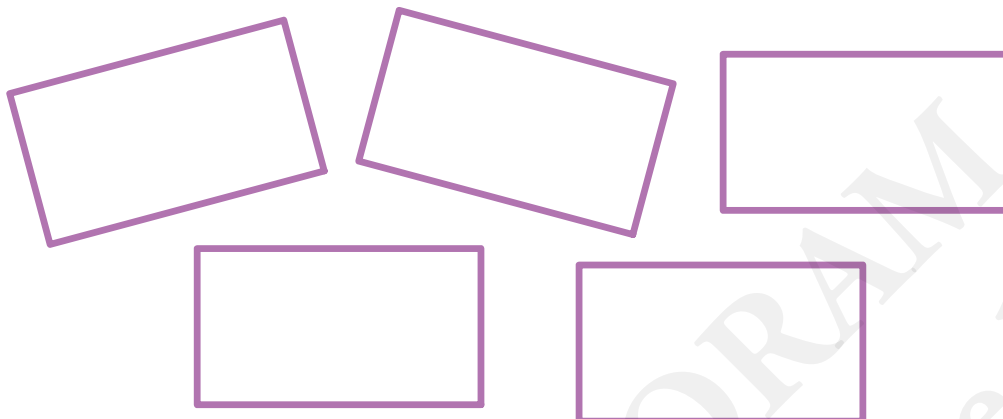
A awmzia chu hmun hniha thena hmun khat tihna
a ni. A intiat chia em tih i fiah thei a, pakhat
chungah hian a dang hi
dah han tum chhin teh.





Rectangle hi kawng eng zâtin nge a chanveah i phel theih ang?

❖ Kawng hrang hrang chi ngain han ziaak teh.

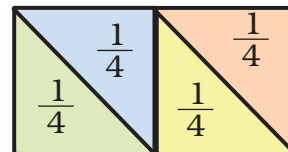


A intiat chiaah tih i fiah thei em?

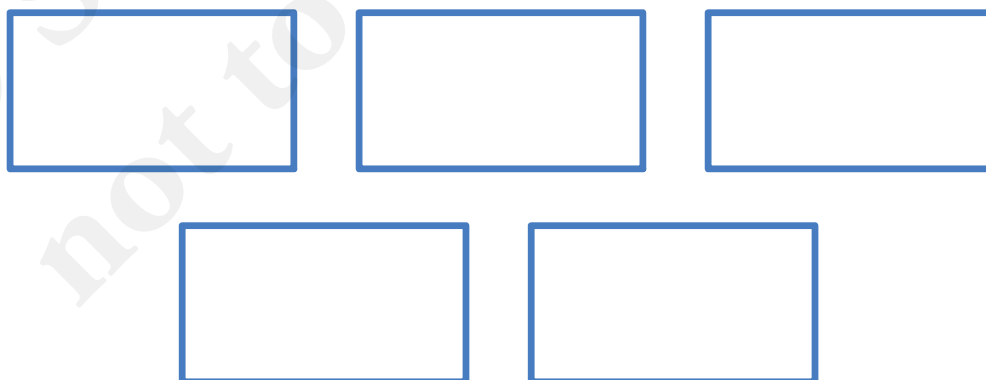
Hmun li a phel dân chi hrang hrang



Hmun li-ah heti hian ka then a.
Hmun khat zel hi a chanve chanve
leh a ni a. $\frac{1}{4}$ ti angin ka ziaak thei a,
a awmzia chu hmun li a thena
hmun khat tihna a ni.



❖ Rectangle hi kawng eng zâtin nge hmun li intiat vekin i phel theih ang? Kawng hrang hrang chi ngain han ziaak teh.

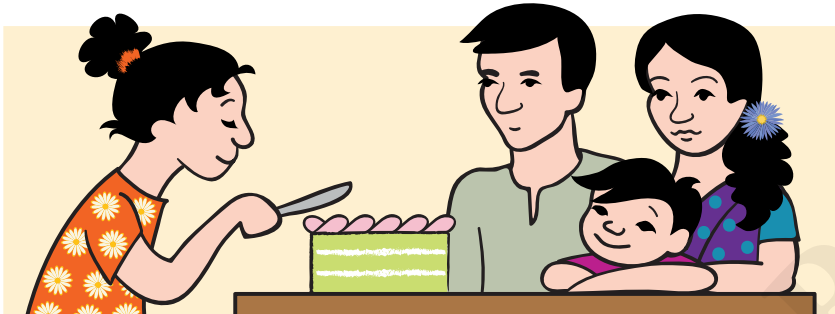


A intiat hlawm tih i fiah thei em?



Cake zai

Ruali chuan a pa cake rawn lei chu hmun liah a intiat chiahin a phel a — ama tân te, a nau Rina tân te, a pa tân leh a nu tân te.



❖ Pakhat chan zêl hi rawng hrang theuhvin chei ang che.

❖ Eng zât theuh nge an chan? _____

❖ A nu chuan a chanai chu Ruali a pe a. Ruali chan zawng chu rawngin han chei teh le.

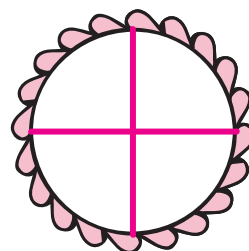
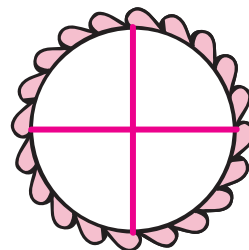
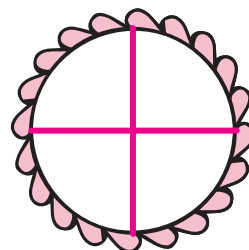
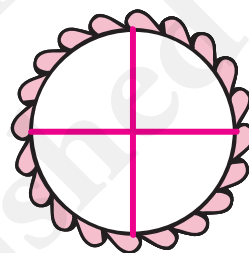
❖ Ruali chuan hmun 4 a thena hmun _____ a chang ang, chu chu cake pum chanve a ni. Tichuan $\frac{\quad}{4}$ emaw $\frac{1}{2}$ tiin a ziak thei ang.

A nuin a chanai a pêk hma chuan Ruali chuan cake 'pum chanve' a $\frac{1}{2}$ chiah a chang a, chu chu cake pum pui $\frac{1}{4}$ a ni.

❖ Rina chan zawng rawngin chei rawh le.

❖ Ruali leh Rina te cake chan zât belh khâwm hi eng zât nge ni ang? An chan zât chu rawngin han chei teh le.

An chan zawng chu hmun 4 a thena hmun 3 a ni a, tichuan $\frac{3}{4}$ tiin kan ziak thei a ni.





Mi duhâm Kundu

Kundu-a chu pa duham tak mai a ni a. Bazara a kal te hian pawisa seng mang lo hian thil tam tak hi neih a tum thin a.

Ni khat chu mai chhang (chhang thlum) ei a duh ta a. Mai lian pui mai chu ₹ 10 a lei a tum a. Mai zuartu hmasa ber hnenah chuan mai lian pui man zat chu a zawt a.

Mai zuartu pakhatna — He mai $\frac{1}{4}$ hi ₹10 man a ni.

❖ Mai pum man chu ₹ _____ a ni.

Kundu-a — Ehe! ₹10 te chuan he mai $\frac{1}{2}$ hi min pe tur alawm. Mai zuartu pakhatna — I duh leh ka dawta zuartu hnênah sawn kal mai teh. Ani chuan mai lian $\frac{1}{2}$ chu ₹10 in a pe thei ang che. Kei chuan mai tha chi chauh alawm ka zawrh, a ti a.



Kundu-a chu a dawt a mai zuartu hnênah chuan a kal leh a, a hmaa mi ang tiat bawk mai chu a en vêl a.

Kundu-a — ₹ 10 in he mai hi eng tiat nge ka lei theih ang?

Mai zuartu pahnihna — Pum chanve.

❖ He mai pum man chu ₹ _____ a ni.

Kundu-a — Ehe! Eng vângin nge $\frac{3}{4}$ a min pek loh ang?

Mai zuartu pahnihna — Kal mai teh! Saw pa hnên ațang sawn mai chu va lei mai rawh. Ani chuan thlai chhe deuh deuh a zuar țin a. Hetiang tiat mai pawh hi ₹ 10-in a leitir phal mai ang che.

Mi duham Kundu-a chu a dawt leha mai zuartu hnênah chuan a kal a. A hmaa mi ang tiat bawk mai chu an en vêl a, heti hian a zâwt ta a — Hetianga lian hi ₹10-in min pe thei em?

Mai zuartu pathumna- Saw in chungah sawn engati nge i lawn mai loh? A thlawnin mai te chu a hrui ațangin i lo thei reng alawm!

Kundu-a chu a hlim ta khawp mai a. Chu in chungah chuan a lâwn ta a le, tichuan



Price list hman dân

- Tomato kg $\frac{1}{2}$ hi eng zât man nge?
- Carrot kg $\frac{1}{4}$ nge to purûn sen kg $\frac{1}{2}$?
- Alu kg $\frac{3}{4}$ hi eng zât nge an chhiar?
- Keerthi-i chu thil lei turin a kal dawn a. ₹ 20 chiah a nei a. A thil lei tur ziahnaa mi zawng zawng hi a lei vek thei ang em?
- Price list en hian zawhna pahnih han siam ve rawh le.
 -
 -

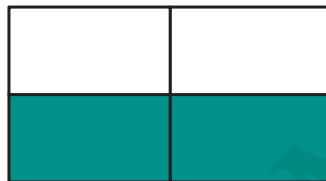
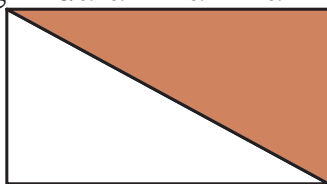
Thil	A man (kg ah) ₹
Tomato	8
Alu	12
Purûn sen	10
Carrot	16
Mai	4



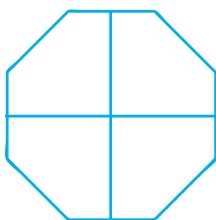


Thil tih hun

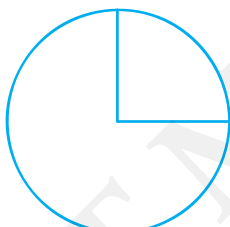
- a) A pumpui ațang hian eng zat hi nge chei a nih? Pianze hrang hrang hnuaiah hian ziaik zel rawh.



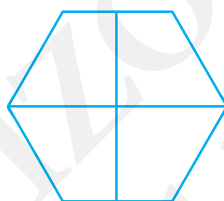
- b) Pianze hnuaia inziak zât zel hi chei ang che.



$\frac{1}{2}$



$\frac{3}{4}$



$\frac{3}{4}$



$\frac{1}{4}$



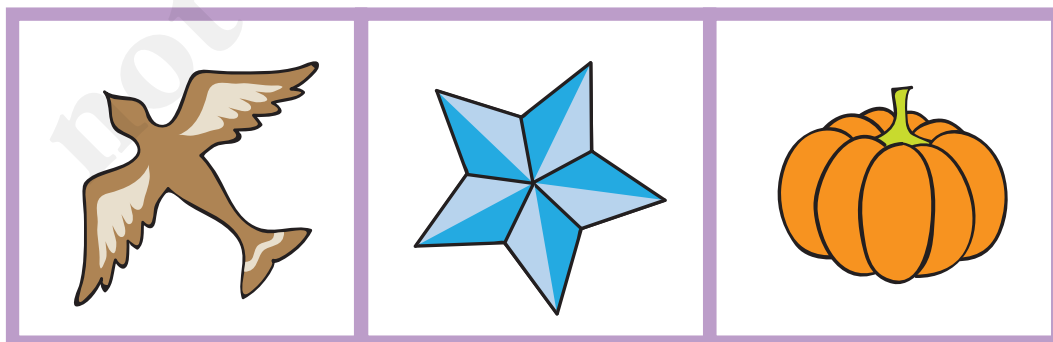
$\frac{1}{2}$



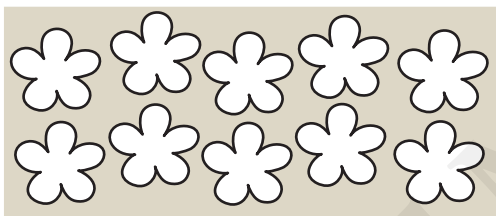
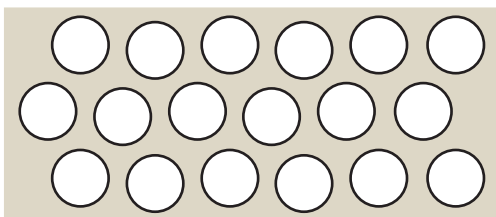
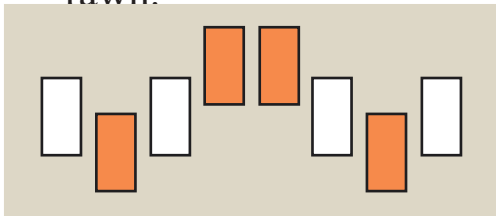
$\frac{3}{4}$

- c) *A chanvea phel*

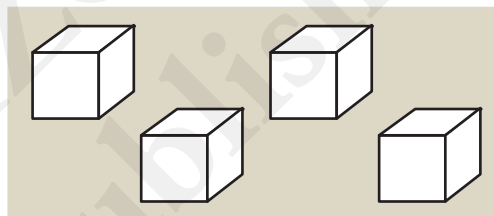
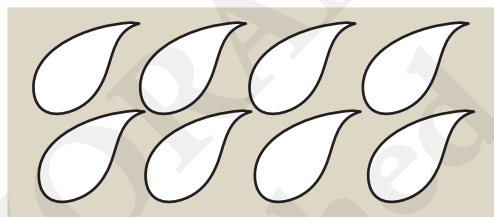
Hêng pianziate hi a lai taka phel turin rin rawh le.



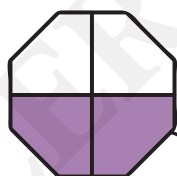
d) A hnuaia pianze hrang
hrangte chanve zêl hi chei
rawh.



e) Hêng pianzia $\frac{1}{4}$ te hi chei
rawh.

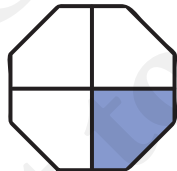


f) Heta entir ang hian rawnga cheite mil zel hi thai zawm rawh.



Hmun li-a
thèna
hmun khat

$$\frac{3}{4}$$



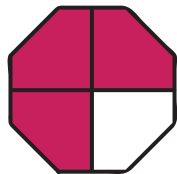
a chanve

$$\frac{4}{4}$$



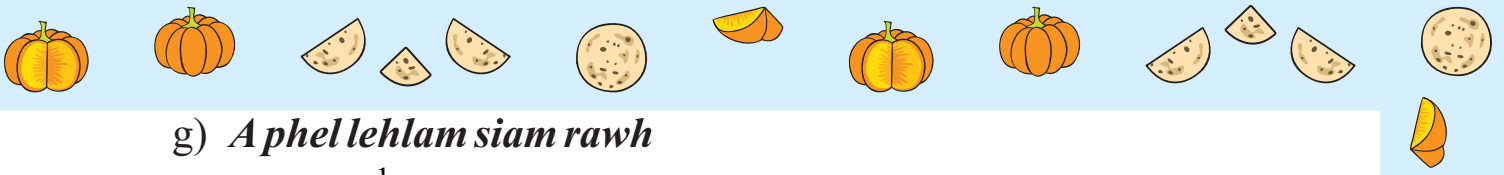
Hmun li-a
thèna
hmun thum

$$\frac{1}{2}$$



A pum pui

$$\frac{1}{4}$$



g) *Aphel lehlam siam rawh*

Milem $\frac{1}{2}$ hi hetah hian ziah a ni a. A phel lehlam hi ziakin milem hi i siam pum thei ang em?



h) Hei hi a lem pum pui hmun li-a thena hmun khat a ni a. I siam pum thiam em? Tipum turin hmun li-a thena hmun eng zat nge i ziah belh ang?? _____



Metre chanve leh hmun li-a then

Metre tehna la la, hrui metre khata sei tan rawh.

- ❖ He hrui hian a sei zawng metre $\frac{1}{2}$ te , metre $\frac{1}{4}$ te, metre $\frac{3}{4}$ te chhinchhiah rawh.
- ❖ I hrui hmang chuan metre $\frac{1}{2}$ a sei chhuatah rin rawh. I rin chu centimetre eng zata sei nge? _____



Tichuan

$\frac{1}{2}$ metre = cm

$\frac{1}{4}$ metre = cm

$\frac{3}{4}$ metre = cm

$\frac{1}{2}$ leh $\frac{1}{4}$ kan belh chuan $\frac{3}{4}$ a chhuak tih i hmu thiam em?

Bawnghnute inṭawm

He bûr hi bawnghnutein a khat a, litre khat dawng bûr a ni. Bawnghnute chu bûr dang 4-ah chhûn then a ni a, bur tinah chuan bawnghnute litre $\frac{1}{4}$ thun a ni.

- ❖ Bûrte hi bawnghnute chim chin i hriat theih nân, a chim chin zel chei rawh.

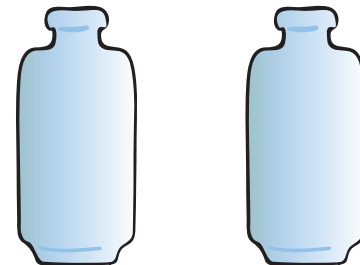


Hriat reng tûr, 1 litre = 1000 millilitres

- ❖ Bur khatah bawnghnute millilitre eng zat nge awm? _____

Chhana chuan bawnghnute litre 1 chu bûr pahnihah a chhûng a, bûr hmasa zawkah $\frac{3}{4}$ chhûngin a dangah chuan $\frac{1}{4}$ a chhûng a.

- ❖ Bawnghnute chim chin zelah bûr te hi chei rawh.



- ❖ Bûr chhûnga bawnghnute awm zât hi millilitre eng zât ve ve nge?



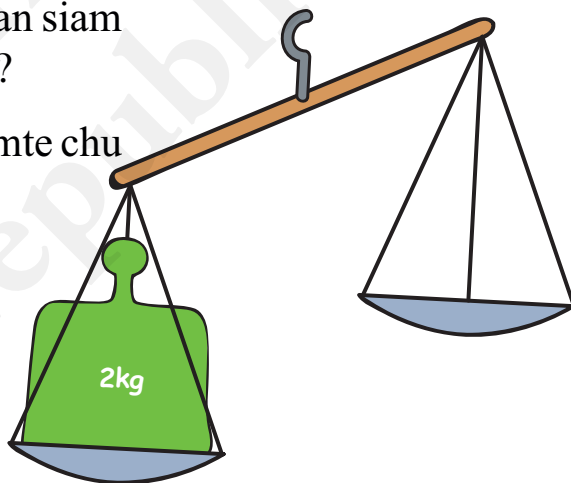
Bûklunga teh



✿ A chung a bûklung hmang khian bûk thlêng pahnihte inbûk tâwk turin han siam teh. Kawng eng zâtin nge i tih theih?

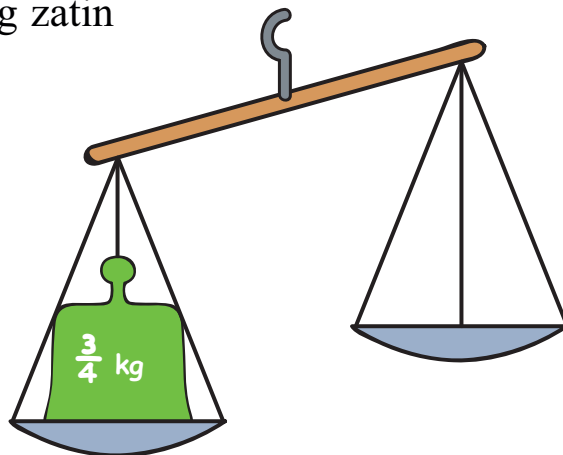
a) Bûk thlêng ruakah hian bûklung lemte chu ziaak ang che.

Hriat reng tur, $1\text{kg} = 1000\text{g}$



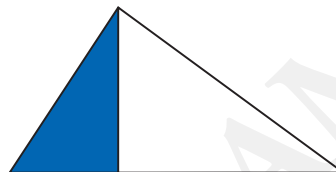
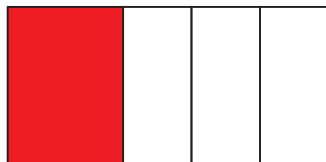
b) He bûklung $\frac{3}{4}\text{kg}$ hi kawng eng zatin nge a buk tâwk i siam theih?

- 1)
- 2)
- 3)



Eng vangin nge a dik loh?

Kâma chuan he laia lantir ang hian a bung thenkhat hi a lo chei a. Mahse a thian Mimi chuan a dik lo a lo tihsak a. Eng vânga dik lo nge a nih hrilhfiaw rawh.



Tihchhin hun

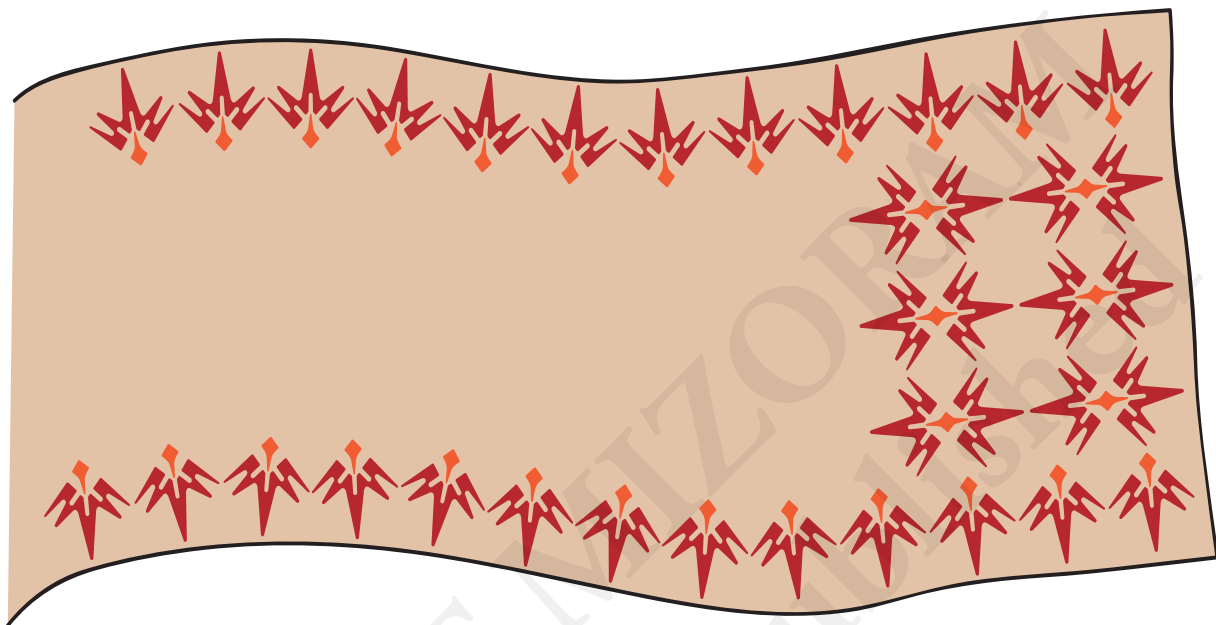
- ❖ Theihai pum 60 a awm a, $\frac{1}{2}$ te chu a hmin an ni a. Theihai pum eng zât nge hmin?
- ❖ Naupang 32 an awm a. $\frac{1}{2}$ chu hmeichhia an ni a. Mipa naupang eng zât nge awm?
- ❖ Arsi 20 a awm a. Hmun li-a thena hmun khat chu a sen a ni. Arsi sen eng zât nge awm? Eng zat nge sen ve lo?
- ❖ Rova chuan pencil a duh a. ₹ 2 man a ni. A man atân chêng khat tlang pakhat leh chêng chanve pakhat leh chêng khat hmun li-a then hmun khat tlang khat a pe a. A daih em?



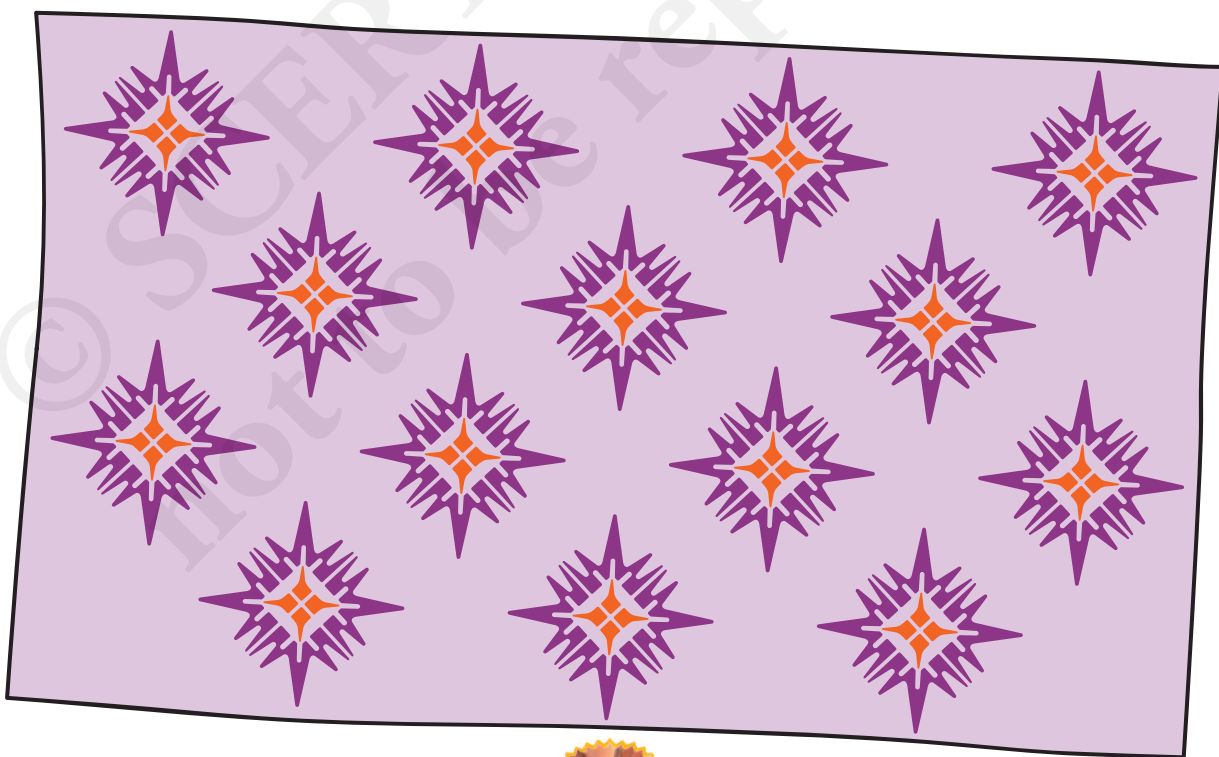


Ziarang Hmanga Infiam

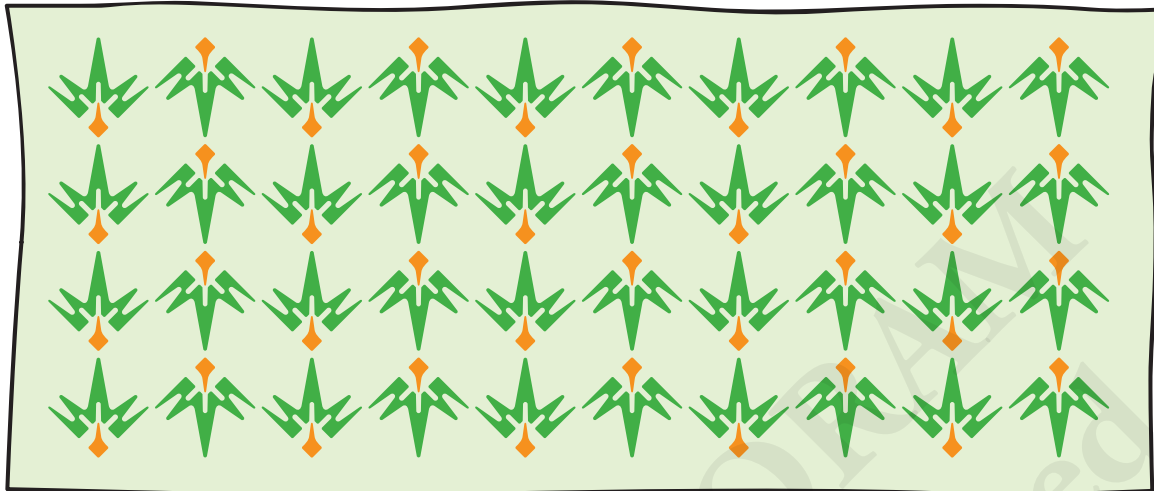
Tinu-i chuan sari siam nân  hetiang nemkai hi a hmang a.



Chu nemkai hmang bawk chuan hetiang âwnghpah hi a siam leh a.

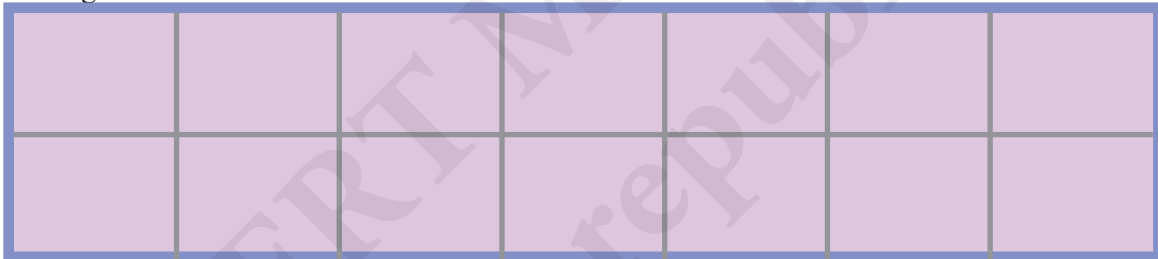


Puan bah (shawl) siam nân pawh he nemkai bawh hi a hmang leh a.

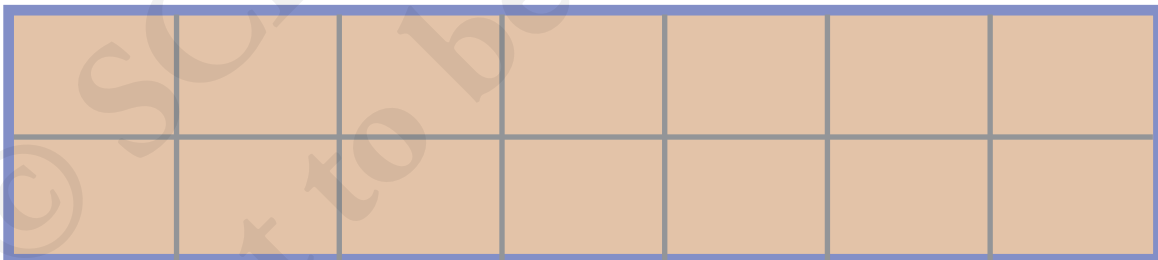


Tinu-an nemkai chi khat chauh hmanga ziarang hrang hrang a siam dan i hmu thiam em? Tunah, ziarang chi hrang hrang 3 hemi  hmang hian han siam ve teh le.

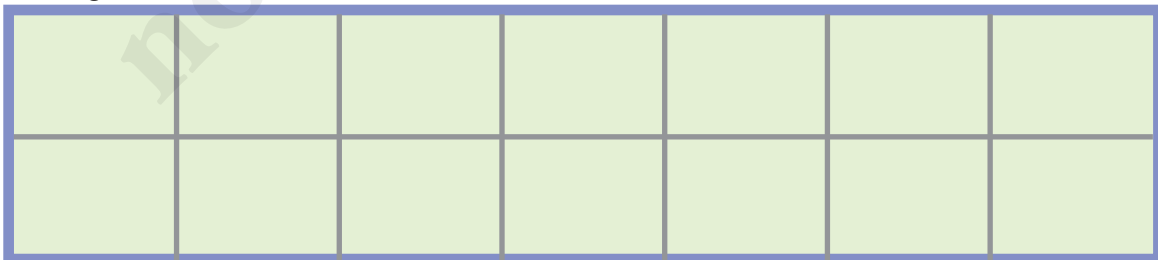
Ziarâng 1



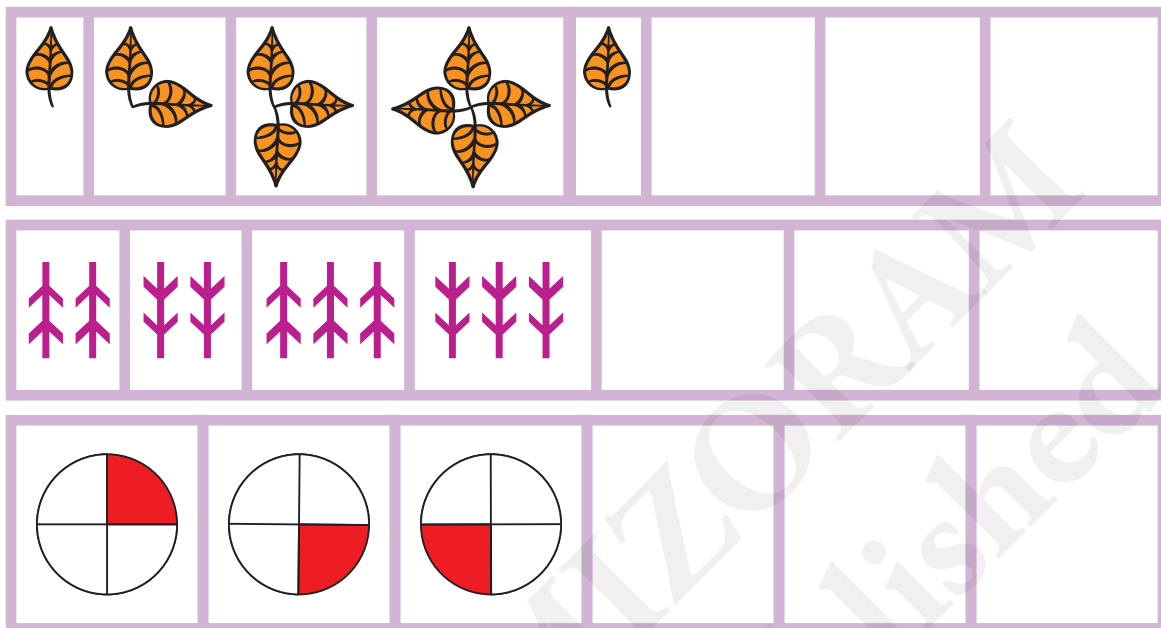
Ziarâng 2



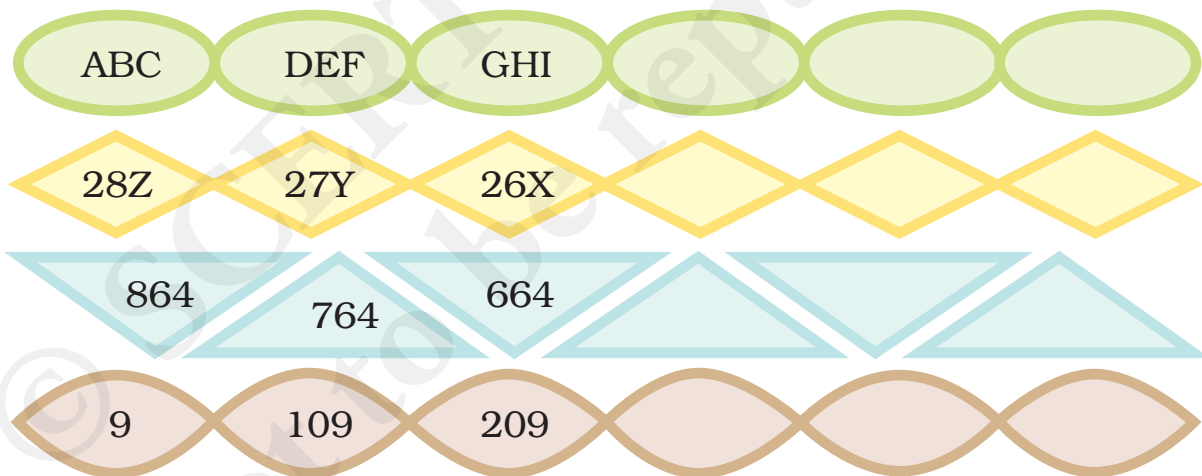
Ziarâng 3



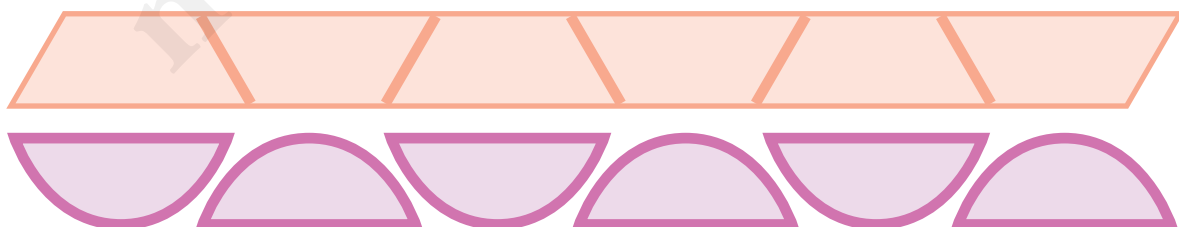
Zami chuan nemkai te hmangin ziarang thenkhat a siam a. A ziarang siam hi han chhunzawm rawh le.



Ziarang hi nambar leh hawrawp hmang pawhin kan siam thei tho bawk. A hnuaiah hian entirna tlêm a awm a. I chhunzawm zel thei em?



Tunah chuan nangmahin nambar ziarang han siam ve teh le.



Nambar tel lovin ziarâng han siam ve teh le.

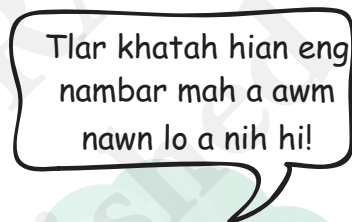
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Eng nambar mah a awm nawn lo

Nambar awmna bâwm hi en teh le. Ziarâng i hmu thei em?



1	2	3
3	1	2
2	3	1

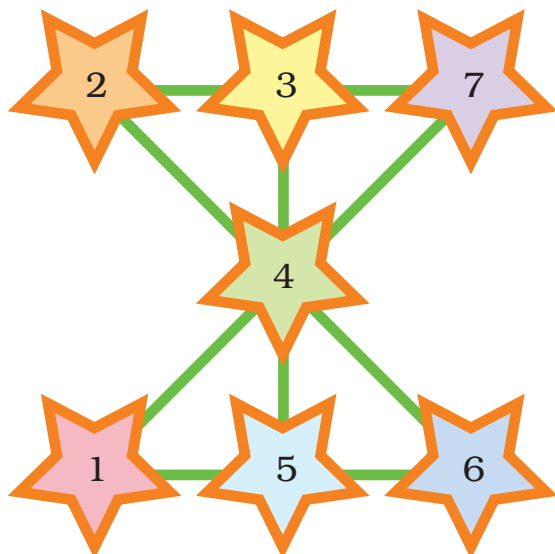


Tlar khatah hian eng
nambar mah a awm
nawn lo a nih hi!

Tunah chuan hêng hawrawp A, B, C te hi bâwm chhungah hian tlar khata a enga mah awm nawn lo turin han rem ve teh le.

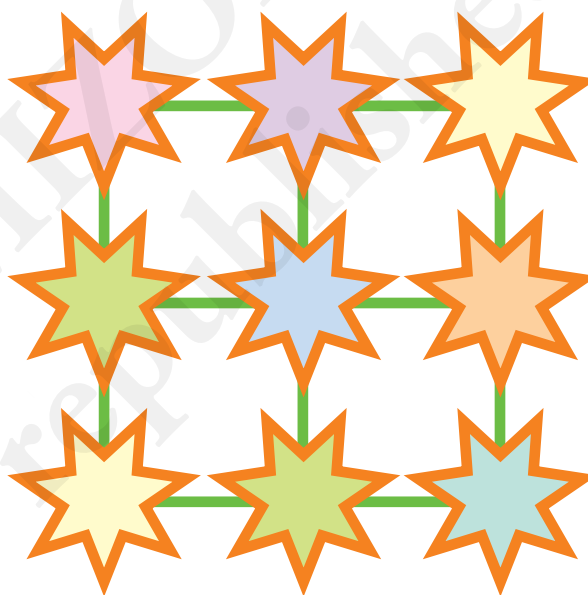
Hetah hian tlar phei leh tlar chhuk tih thu kan sawi lang lo va, amaherawhchu zirtirtu ten 'tlar' tih thumal hmangin tlar phei leh tlar chhuk awmzia an sawi fiah thei ang.

Ziarâng mak dangdai



1 atanga 7 thleng nambar inrem dan ziarâng awm dan hi han en teh u. Tlar tina mi te belh khawm hi 12 a chhuak vek maw le!

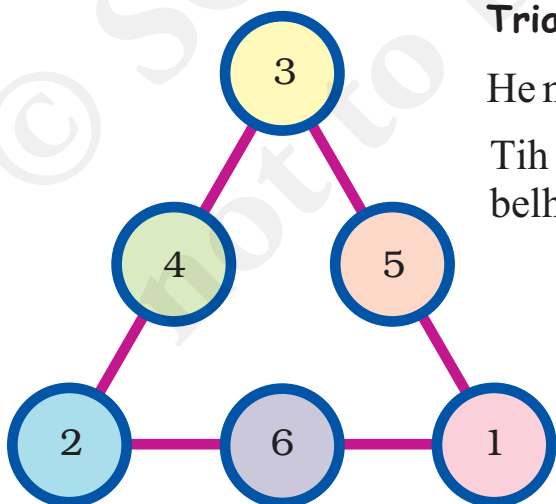
Tunah chuan hêng arsi lem hi dah khat rawh le. Nambar 1 - 9 hmang la, tlar tina nambar belh khawm chu 15 a ni vek tur a ni.



Triangle mak dangdai

He nambar ziarang hi han en teh le.

Tih dân: Triangle sir tina nambarte hi a belh khawm chu 9 a ni.

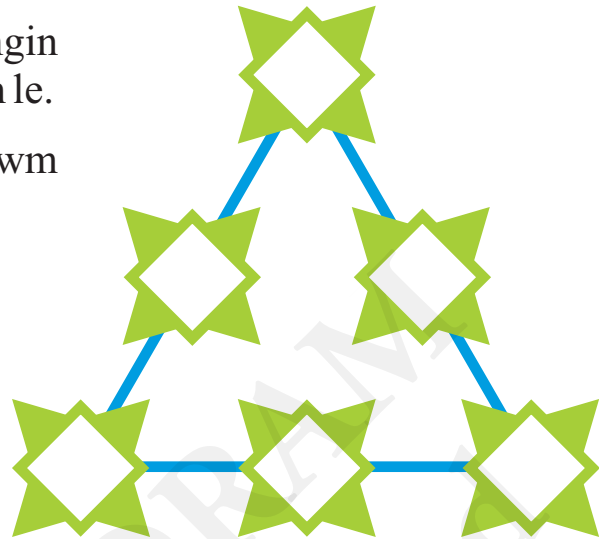


$$\text{3} + \text{4} + \text{2} = 9$$

Triangle sir danga mite pawh hi a belh chhuak 9 a ni ve em han en teh.

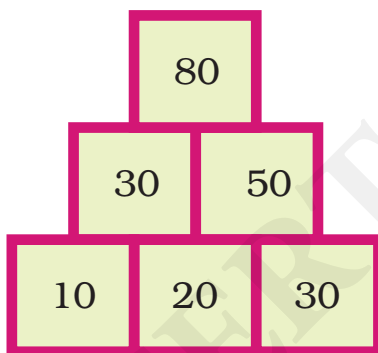
Tunah chuan nambar 1 - 6 hmangin triangle mak dangdai han siam ve teh le.

Tih dan: Sir tina nambarte belh khawm chu 10 zel a ni tur a ni.



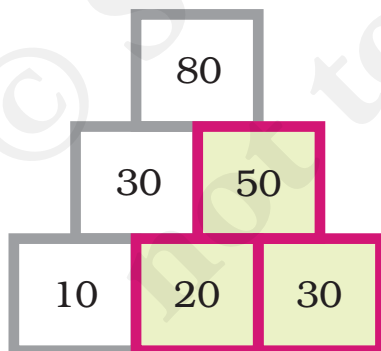
Nambar in chhâwng

In chhawng angin nambarte hi a rem theih a. A hnuai aṭanga ṭanin hetiang nambar ziarâng hi kan siam a.

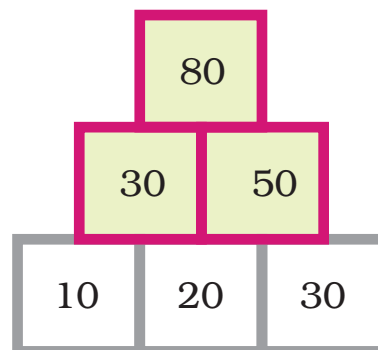


He ziarâng lo chhuak tura a tih dan hi i hmu thiam em?

Tih dân: A hnuai bâwm hniha nambarte khi kan belh a, an chung chiah bâwma nambar khi a lo chhuak zêl a ni.

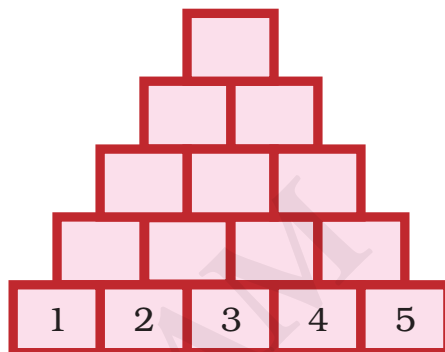
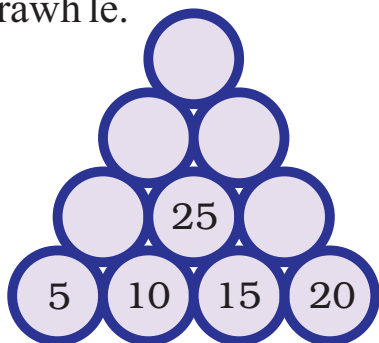


$$20 + 30 = 50$$



$$30 + 50 = 80$$

A tih dan ngai chiah hmangin, heng nambar in chhâwnge hi dah khat rawh le.



Belh chhuak thuhmun dân

Thianho thenkhat chu nambar card hmangin an lo infiam a. Engtin nge an belh han en teh le.

A vei lam aţangin
a hmasa ber

A ding lam aţangin
a hmasa ber



11	+	16	=	27
12	+	15	=	27
13	+	14	=	27

Kan belh apianga a belh chhuak thuhmun chiah a lo chhuah zêl dan i hmu thiam em?

Tih dân: Hetianga nambar pahnih zel kan belh hian a belh chhuak a thuhmun zel —

Vei lam ber leh Ding lam ber

Vei lam ber dawt leh Ding lam ber dawt

Vei lam aţanga pathumna leh Ding lam aţanga pathumna

belh la, a dawta nambar pathum nen tih dan ngai hmang khan ziarang han siam ve teh le.

A belh chhuak chu a inang zel em han en teh.

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	+		=	
	+		=	

Belh hmanga ziarâng

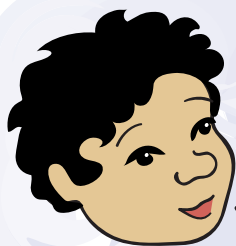
$$1 + 2 + 3 = 6$$

$$2 + 3 + 4 = 9$$

$$3 + 4 + 5 = 12$$



Awhaw! A
belhchhuak hi 3
in a tam chho zel



Hetah hi chuan
4 zelin a tam
chho a nih hi.

$$1 + 2 + 3 + 4 = 10$$

$$2 + 3 + 4 + 5 = 14$$

$$3 + 4 + 5 + 6 = 18$$

Tunah chuan a indawt zêla nambar 5 remin ziarâng nei turin han siam
ve teh le.

$$\square + \square + \square + \square + \square = \square$$

$$\square + \square + \square + \square + \square = \square$$

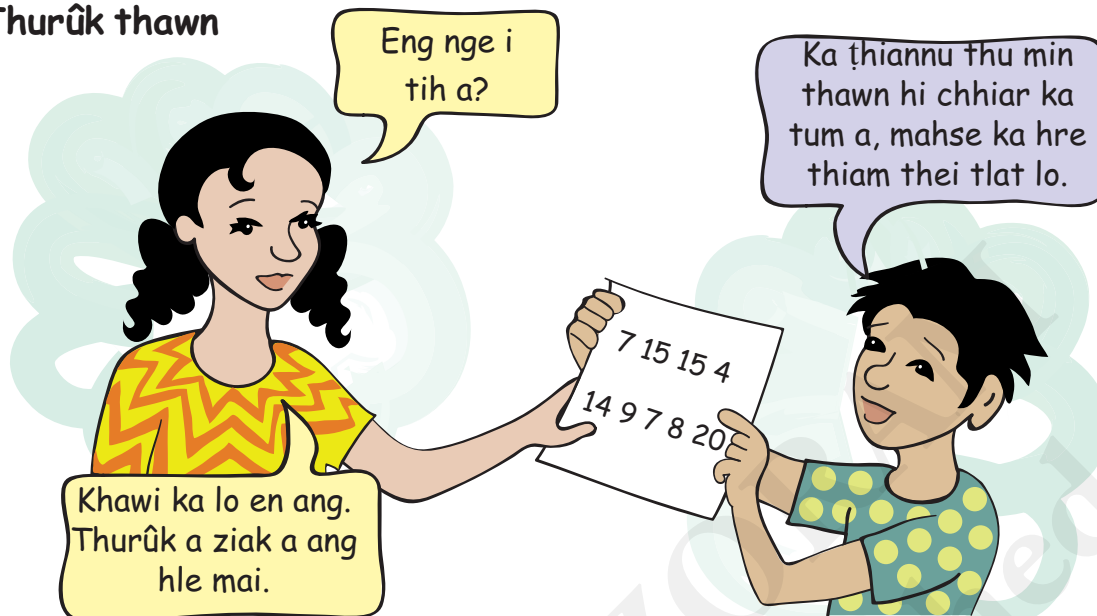
$$\square + \square + \square + \square + \square = \square$$

$$\square + \square + \square + \square + \square = \square$$

$$\square + \square + \square + \square + \square = \square$$

5 zêlin a belhchhuak chu a tam chho ve em?

Thurûk thawn



Zami chuan a tih dân a hrilhfiah a — Hawrawp aiah nambar hman a nih hi. Entir nân, 'J' chu 10, 'P' chu 16. Tichuan, "JUMP" chu 10 21 13 16.

✳ Heta hawrawp leh nambar hi han ziak kim la, a pui thei ang che.

A	B	C	D	E
1	2	3	4	5

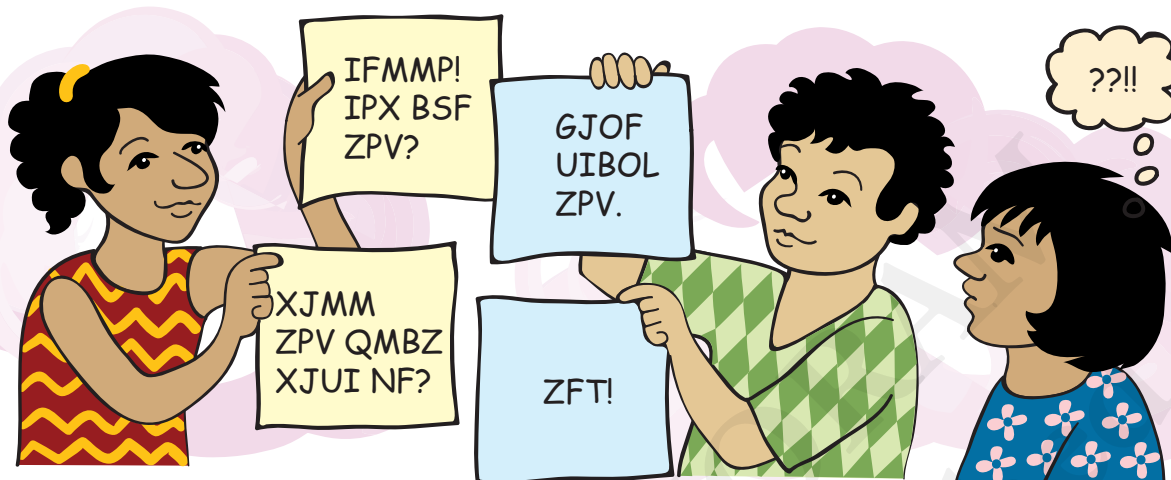
✳ Thanga chuan a thian hnenah 'Good Morning' tih thawn a duh a.

Khitiang tih dan hmang khian eng nge a ziah ang?

✳ A tih dân khi thlâk danglamin 'B' aiah 1 hmang ila, 'D' aiah 3, chutiang zêl chuan. Engtin nge 'Let Us Dance' tih hi kan ziah ang?

Thurûk ziah leh chhui chhuah hi ziarâng hriatna chi khat a ni a. Tih dân zuk hmuh thiamna hi mathematics ngaihtuahna than lentirna atan a pawimawh a ni.

Thurûk thawn chi dang



Sapi leh Zuia-te chu an infiam a. Thurûk eng emaw zât an ziaak a. Mahse Kuri chuan a hre thiam ve thei lo va. Tichuan, Zuia chuan a tih dan a hrihfiah ta a —

Zuia — Han en la, hawrawp tin hi a dawt chiah hawrawp zelin kan thlak a. Chumi awmzia chu 'G' aiah 'F' kan ziaak a, 'O' aiah 'N'. Tichuan **YES** chu **ZFT** a lo ni ta a ni.

Kuri — Ehe! Tunah chuan ka hre thiam ta.

Kuri — Ka thil ziaak hi han en teh. **XF BSF GSJFOET**

* Kuri thuruk ziaak hi eng nge ni? _____

* Sapi leh Zuia-te hian eng nge an ziah? _____

* Khi tih dân hmang khian - 'Meet me on the moon' tih han ziaak teh. _____

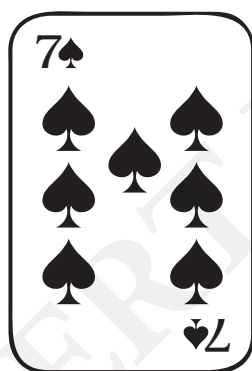
* Tih dân chi dang hmangin thurûk ziaak la, I thiante chhui chhuah tir ang che.

A letling

Apuii chu a lo infiam a. A thiante hnenah a inrûlpuiludin theihzia a lo entir a.

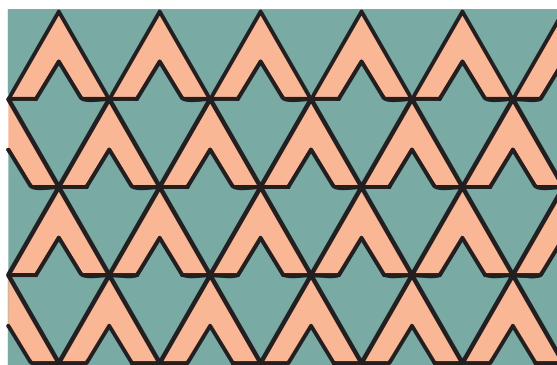
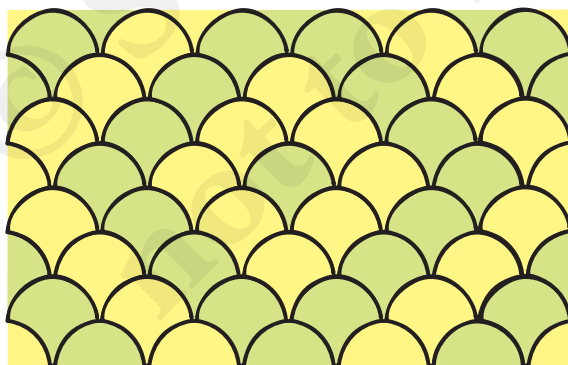


Tunah chuan Apuii chu lehkhaden hmangin a infiam a. Lehlin thawkin engtin nge a lem hi a awm ang han ziaak teh.



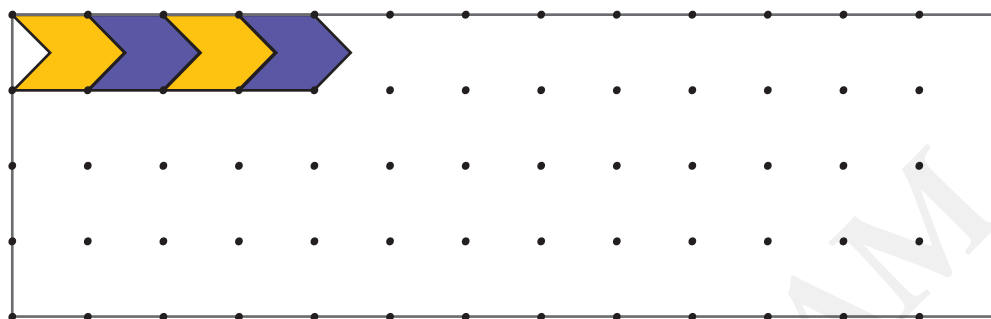
Chhuat ziarang

Hetiang pianze nei tile an phah hi i hmu tawh em?



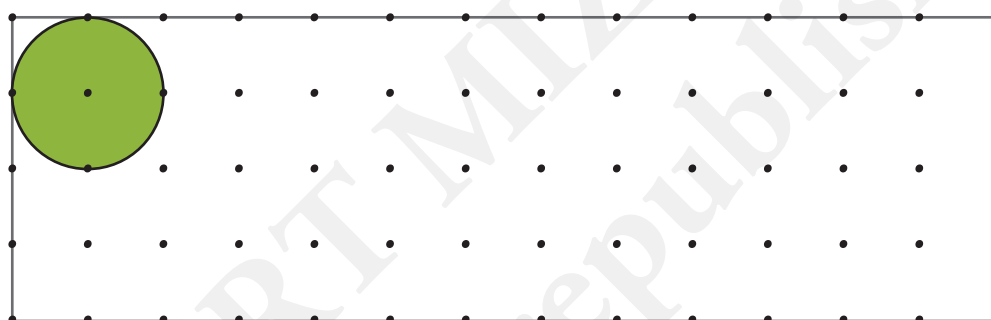
Kar awl awm lova insi thap thei tile hmangin chhuat an phah a, hetiang hian a lo induang ta thin a ni.

- a) Tunah chuan he tile hmang hian he chhuat hi han phah chhuak vek teh.

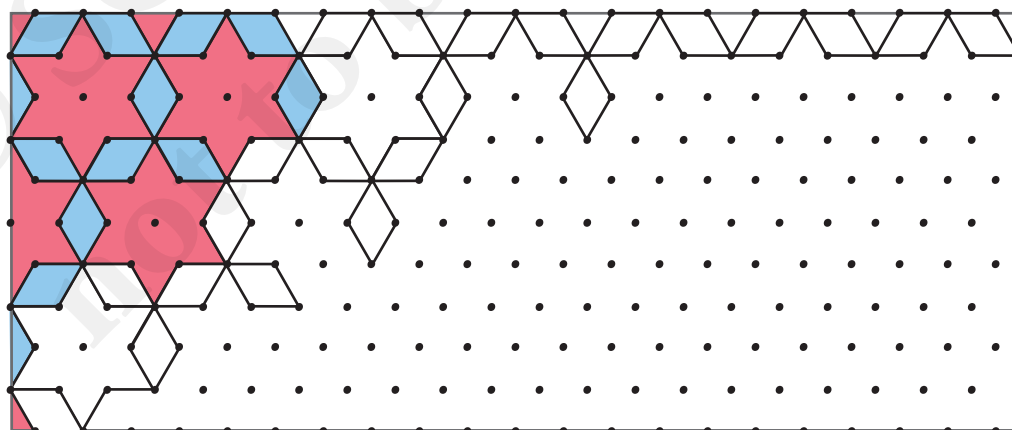


Hetieng chhuat duang tur hian chhuatphah bial i hmang thei ang em?

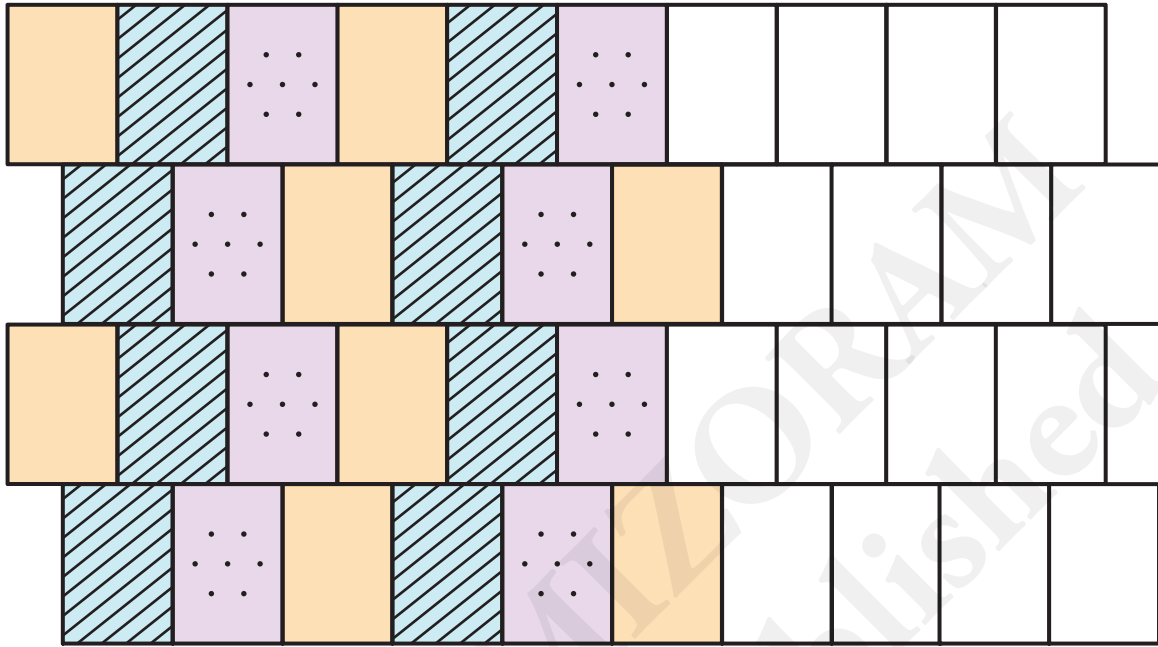
- b) Tile hring hmang hian a kar âwl awm miah lo turin rem han tum chhin teh. I ti thei em? I thiante nen han sawi ho teh u.



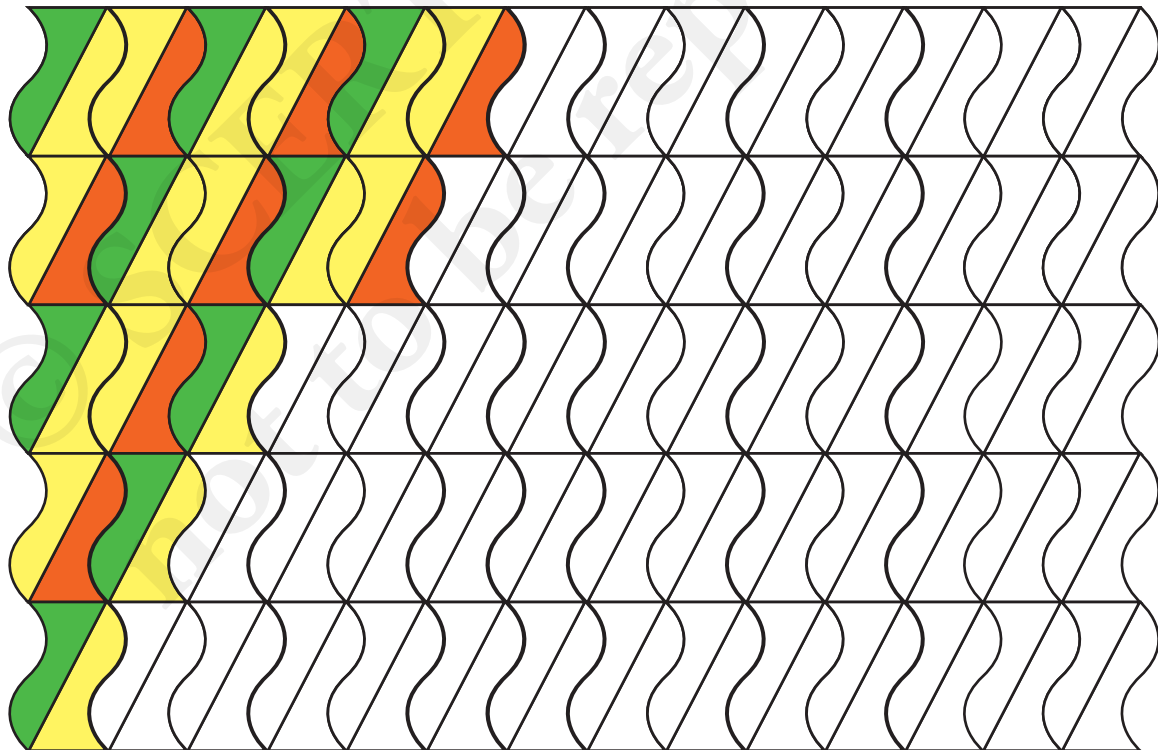
- c) He chhuatphah dan ziarâng hi han chhunzawm teh le.



d) Heng lungtum hmang hian Rama chuan bang a rem a. I tihzawhsak thei ang em??



e) Rini chuan he bang hi rawng a hnawih tan a. A tâwp thlengin han chhunzawm ta che.





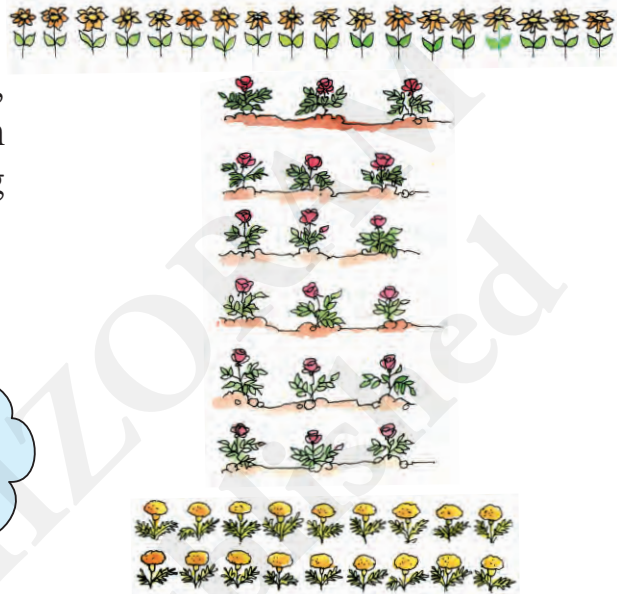
Hmun leh Chanpual

Siami huan

Siami chuan a huanah nihawi te, rose te, derhken te a phun a. Bi thum zelin a phun a. A huan chu hetiang hian a awm a ni.



Pangpâr 18 bi tina ka phun dan hi han en teh u!



Bi tina pangpârte chu chi hrang hrangin a inrem a.

Rose phun dan hi han en teh u.

$18 = 6 \times 3$ Tichuan, pangpâr 3 zel tlar 6 in an awm a.

Eng ang zawngin nge nihawi leh derhken te chu phun an nih ve le?

$18 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$ Tichuan, tlar ah pangpâr an awm a.

$18 = \underline{\hspace{1cm}} \times \underline{\hspace{1cm}}$ Tichuan, tlar ah pangpâr an awm.

Nang pawhin huan i siam ve thei asin. Huan lem zia la, bi nei thlapin pangpâr 48 lantir ang che. Tlar tina pangpâr inzât theuh in an awm tur a ni.

Puntirna hi a tlar ang zâwna thil rem nêh hian a inkungkaih tir theih a. Thil dang, entir nân thutthleng inrem dân te, sikula naupang intlar dân te leh a dangte pawh sawi theih a ni.

Chhuara tuibêl

Biaka chuan tuibêl 30 dahna turin chhuar a siam a. Chhuar sei tak niin chhâwng hnih a nei a. Chhâwng tinah chuan tuibêl inzât chiahin an dah a.



Tuibêl 30 dah dan tur chi dang nei chhuar i siam thiam ang em?

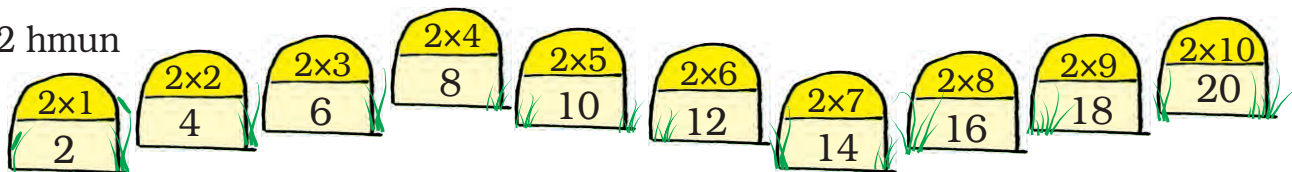
- * Chhuar han siam teh. Chhâwng khatah tuibel i dah tur zat entir la. Chhâwng eng zât nge awm?
- * I thiante siam nen a in ang em?

Tih dan awl

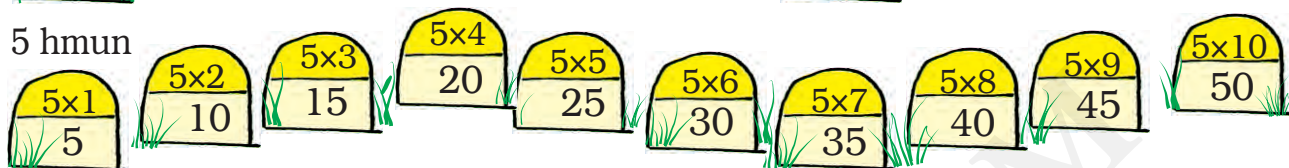


Naupangte chuan vawng ringawt lovin anmahniin puntirna hmun siam dân thar an hlimpui viau ang.

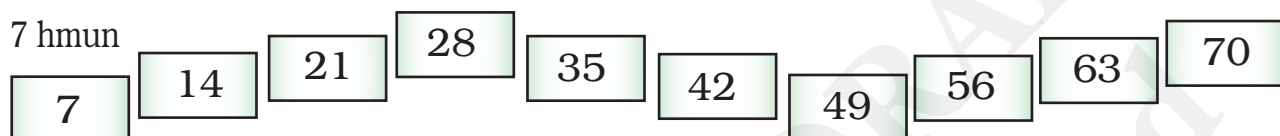
2 hmun



5 hmun



7 hmun



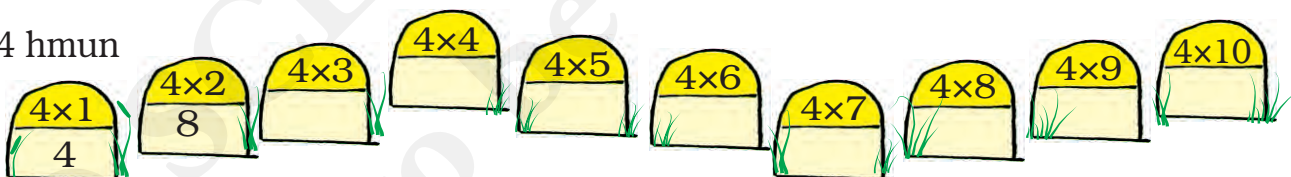
7 hmun siam tura
bâwm hringa nambarte
ka belh khâwm dân khu
han en teh u.



Aha.. a va awl ve. Kei
pawhin 7 hmun chu 4 hmun
leh 3 hmun hmangin ka
siam ve thei.

Biaka hi 4 hmun leh 3 hmun hmanga 7 hmun siam turin han pui teh le.

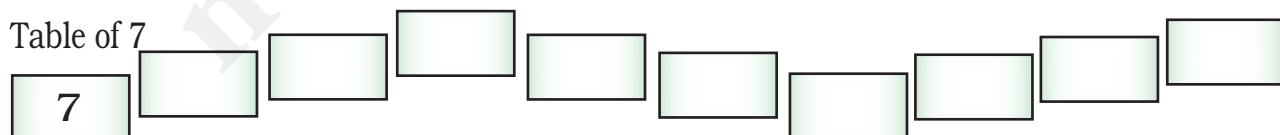
4 hmun



3 hmun



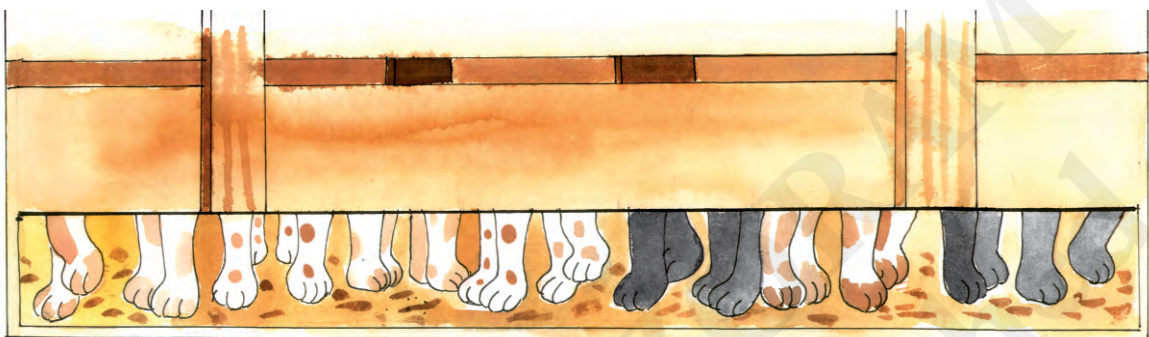
Table of 7



12 hmun siam turin eng hmun chi hnih nge i hman ang?

Zawhte eng zât nge?

Kimi zawhte thenkhat chu bâwm chhûngah an infiam a. Han chhiar a tum chuan an ke bâk a hmu thei lo va. Ke ringawt 28 a chhiar a. Bâwm chhûngah chuan zawhtê eng zât nge awm?



Ke 8 anih chuan zawhtê 2
Ke 12 anih chuan zawhtê _____

Ke eng zât nge?	4	8	12					
Zawhtê eng zât nge?	1	2						

Tichuan ke 28 chu zawhte _____ tihna.

- * Buala chuan bâwm chhûngah artê a khung a. Ke 28 lai a chhiar a. Artê eng zât nge awm?
- * Lali chu ni 21 chhung sikul a kal tawh lo va. Chawlhkar eng zât nge sikul a chawlh?

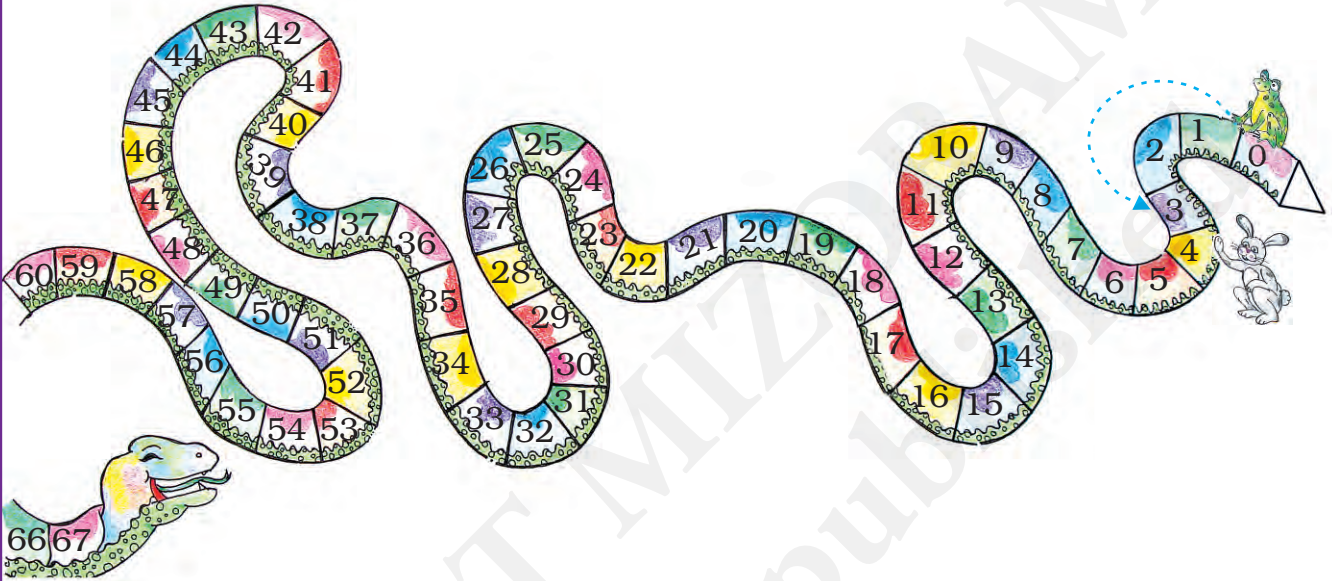
Naupangte chu anmahnia khi table khi dah khat turin fuih la, thil pahnih inkawpa kal chite kalhmang chhui zaupui ang che. Entir nan, ke 48 a awm chuan zawhte 12 an ni tih leh hemi letling chiah pawh. Hei hian nakina algebra an zir huna an chhawr tur thil kalhmang ngaihtuah thiamna chi a tuh a ni.

Ramsa zuang

Pawl III a ramsa zuang in zir kha in la hria em? 0 aṭanga ṭanin uṭawk chu ṭum khatah rahbi 3 a zuang a.

27 thleng turin vawi eng zât nge a zuan?

* Tichuan, a zuan zât chu vawi $27 \div 3 = \underline{\quad}$ a ni.



* 36-a a awm chuan vawi $\underline{\quad}$ a zuang a ni.

* 42-a a awm chuan vawi $\underline{\quad}$ a zuang a ni.

0 aṭanga ṭanin sazupui chuan rahbi 5 ṭum khatah a zuang a.

* Vawi eng zât a zuanin nge 25 a thlen ang? $\underline{\quad}$

* Vawi 8 a zuan hnu chuan $\underline{\quad}$ a thleng.

* 55 thleng turin vawi $\underline{\quad}$ a zuan a ngai.

Tihchhin hun

1) $28 \div 2 =$

2) $56 \div 7 =$

3) $48 \div 4 =$

4) $66 \div 6 =$

5) $96 \div 8 =$

6) $110 \div 10 =$

Naupangte chuan hetiang puntir leh sem hi pawl III ah khan an lo ti tawh a. Pawl III zirlaibu Math- Magic phêk 173-176 kha en kawp ni se.

Tuikip

Dhruv-a chu tuipui kama chêng a ni a. A thiante pathum tan thi siamsak a duh a. Nilengin tuikip a zawng a, tlâiah chuan tuikip 112 zet a chhar khâwm hman a. Tunah chuan tuikip hrang hrang mawi tak taka tle sep sep a nei ta teuh mai.



Thi pakhat siam nan tuikip 28 a thlang a.

$$112 - 28 = 84$$

Tunah chuan tuikip 84 a la bang a. Thi pahnihna siam nan tuikip 28 a thlang leh a.

* Tuikip eng zat nge tunah hian la bâng? _____

Thi pathumna siam nân tuikip a thlang leh a.

* Tichuan tuikip _____ a la bâng a.

* Tuikip 112 hmang in Dhruv-a hian thi eng zât nge a siam theih ang? _____

* A thiante zawng zawng tana thi siam nân a tuikip khan a daih em? _____

Tih han tum teh

A) Tuikip 17 hmangin Kannu-a chuan thi a siam a. Tuikip 100 hmangin thi eng zât nge a siam theih ang?

Puntirna hmun an hriat loh nambar lian tak takah semna dan hmanga zawhna an chhanna turin paih nawn paih nawn hmang thin turin naupangte chu fuih ni se. Tih tur dang pawh a tak taka thil thleng nena inkaihnnawih chi pek theih a ni.

B) Bâwm pakhatah sahbawn 85 a leng a. Sawmi chuan bâwmah sahbawn 338 khung a duh a. Bâwm eng zât nge a mamawh ang?

C) Manpreet-a chuan in sak nân cement ip 1500 a duh a. Truck pakhatin tum khatah ip 250 a phur thei a. Tum eng zât nge truck chuan a thiar ngai ang?

A khalhtupa chuan tum khat thiarah ₹ 500 a inchhiar a. A vaia thiar nan Manpreet-a chuan a khalhtupa chu chêng eng zât nge a pêk ang?

Gangu-a laddoo siam

Gangu-a chuan Id kût hmanna turin laddoo a siam a, laddoo thleng khat a 80 awm a siam tawh a.



Bâwm khatah laddoo
4 zel khawngaihin min
lo dahsak teh. Bâwm
23 ka duh a.



Rabiya

* Thlenga laddoo-te hi bâwm 23-a dah atan a tawk em?

* Laddoo eng zât nge a la belh ngai? _____

Hetiang chin fel nân a hlâwma thlenga dah emaw, sem nâna puntirna hman emaw, paih nawn paih nawn emaw leh a dangte anmahni tih dâna ti tura fuih ni se.

- * Gangu-a hian bâwm lian zawk pawh a nei a, chutah chuan laddoo 12 a dah a. Laddoo 60 dah nân bâwm eng zât nge a mamawh ang?



Tih tûr

- 1) Neelu chuan class-ah thawnthu bu 15 a rawn keng a. Vawiinah Zirlai 45 an lo kal a. Thawnthu bu khat chu naupang eng zât zêlin nge inṭawm ang?
- 2) Mi 8 awmna chungkaw pakhat chuan thla khat atan wheat kg 60 an mamawh a. Chu chungkua chuan kâr khat atan eng zât nge an mamawh?
- 3) Razia chuan ₹ 500 tih nawi a duh a.



A tihnawi nân chuan eng zât zêl nge a dawn ang —

- (a) Chêng 100 note hliir a nihin? _____
- (b) Chêng 50 note hliir a nihin? _____
- (c) Chêng 20 note hliir a nihin? _____
- (d) Chêng 5 note hliir a nihin? _____



- * Bâwmrang 3-a dah turin tomato 72 sem rual a ngai a. Eng zât theuhvin nge tomato chu i dah ang?
- * Tawlailir pakhatatah leirawhchan 350 a awm a. Binod-a chuan leirawhchan pakhat chu kg 2-a rit a ni tih a hria a. Leirawhchan zawng zawng chu engtianga rit nge ni ang?

Naupangte leh an pu

Intihhlīmna dāwruia kal turin Rini te, Siami te, Madiki te, Rova te, Lawma-te chuan an pu hnenah pawisa an dil a.



Ka ipteah hian chêng 70 ka ak a
A inzât theuhva pawisa hi in
insem theih dân tur min hrilh
ula, in sawi dik chuan ka pe dawn
che u nia.



Tih dân pakhat

Rini leh Siami chuan an ngaihtuah vang vang a, ti hian an sawi a. Tih dân ka hria $70 \div 5$ an ti a.

Siami chuan a han ziaak tan a —

$\begin{array}{r} 10 \\ 5 \overline{) 70} \\ - 50 \\ \hline 20 \end{array}$	$\longrightarrow$ A hmasa berah chuan ₹10 theuhvin ka sem a.
	$\longrightarrow$ Tichuan, ₹ $5 \times 10 = 50$ ka sem tawh a.
	$\longrightarrow$ ₹ 20 a la bâng a.

Rini chuan a rawn tihzawhsak a. Ti hian a sawi a —

Chêng 4 theuh ka pek belh a. Chêng 20 chu ka sem zo ta. Tunah chuan bâng awm lovin pawisa chu a vaiin inzât theuhvin sem ral a ni ta.

Tichuan, chêng $10 + 4 = 14$ theuhvin an chang ta hlawn a.

$\begin{array}{r} 10 + 4 \\ 5 \overline{) 70} \\ - 50 \\ \hline 20 \\ - 20 \\ \hline 0 \end{array}$

He tih dân hi thil sem chhawn tur a awma naupangten an sem dân chungchang a ni a. Hetah hi chuan, mi panga hnenah ₹10 theuhin an sem phawt mai thei a, a dawt lehah pawisa la bang chu an sem nawn leh a. An duh chuan ₹ 5 theuh pawhin a tirah an sem phawt thei a ni. Naupangte chuan sem zo turin an duh ang zawngin an ti thei a. Hei tak hi he tih dân thatna tak chu a ni.

Tih dân dang leh

Madiki leh Lawma te chuan $70 \div 5$ chu kawng dangin lo sem chhuah an tum a. Lawma chuan heti hian a ziaak a —

A tirah ₹ 5 theuh ka pe a.

$5 \times 5 = 25$ ka sem ta a.

A dawtah ₹ 6 theuhvin ka sem leh a.

Chêng 30 ka semral leh ta a.

Tunah chuan chêng ____ a la bâng a.

$$\begin{array}{r} 5 + 6 \\ 5 \overline{) 70} \\ - 25 \\ \hline 45 \\ - 30 \\ \hline ? \end{array}$$



Lawma hian pawisa la bâng chu engtin nge a sem ral ang? Han ti zo teh le. Tichuan, naupang tin chuan chêng $5 + 6 + \underline{\quad} = \underline{\quad}$ an dawng theuh va. .



I chhânna chu fiah rawh le! I chhânna chu 5-in puntir la, a chhuak chu 70 a ni em? I chhânna chu a dik em?

Nangma tih dân

* Tunah chuan mi 5 hnenah a inzât theuhvin ₹ 70 sem dân tur nangma tih dân hmangin han ti ve teh le. I duh chuan ₹ 2 theuh pawhin i sem tan thei ang. A nih loh pawhin ₹ 11 theuh pawhin i sem tan thei tho vang.

₹ 15 theuhvin i sem tan thei em?



Hengte hi tih han tum teh

a) $5 \overline{) 65}$

b) $84 \div 2$

c) $3 \overline{) 69}$

d) $90 \div 6$

e) $4 \overline{) 72}$

f) $9 \overline{) 108}$

g) $232 \div 2$

h) $2 \overline{) 428}$

- i) Meera-i chuan bazara zawrh turin mombati 204 a siam a. Fûn khatah 6 zelin a thun a. Fûn eng zat nge a siam ang?

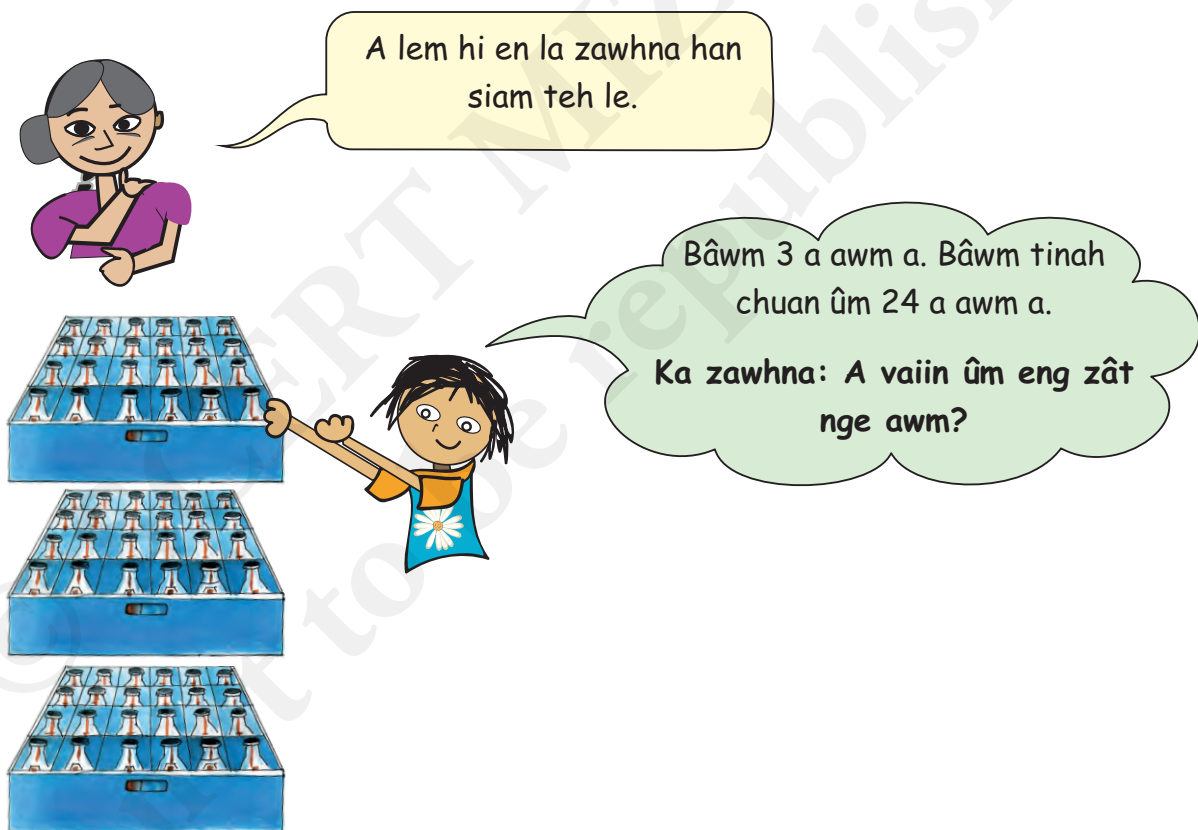
Fun khatah 12 zelin thun ta se, fûn eng zât nge a siam ang?

- j) Sikul sport niin naupang 161 mualah an kal khawm a. Tlar 7 - ah inzât theuhvin an intlar a. Tlar khatah naupang eng zât zel nge awm?



Thawnthu ațanga tih tur

Thari chu a piin tih tur a siamtir a.



Milem dangte hi en la Thari zawhna siam ang hi han siam ve teh le.

1.

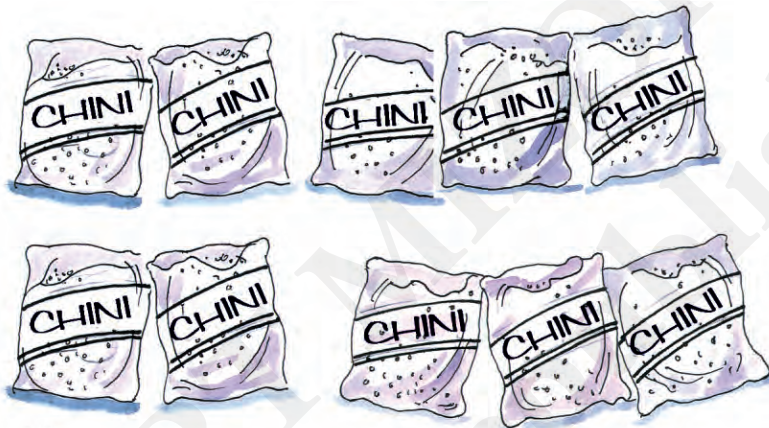


Bânbun bâwm 8 a awm.

Bâwm khatah bânbun 6 zel a awm.

I zawhna:

2.



Chini fûn 10 a awm.

Sawma chuan a vaiin chêng 110 in a lei a.

I zawhna:

3.

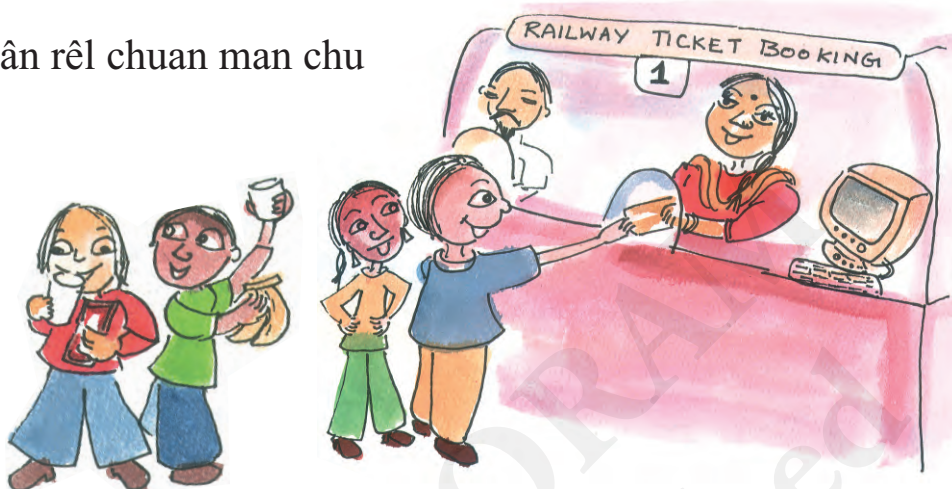


Tlar 7-ah zirlai 35 an awm a. Tlar tinah zirlai a inzât theuhvin an awm.

I zawhna:

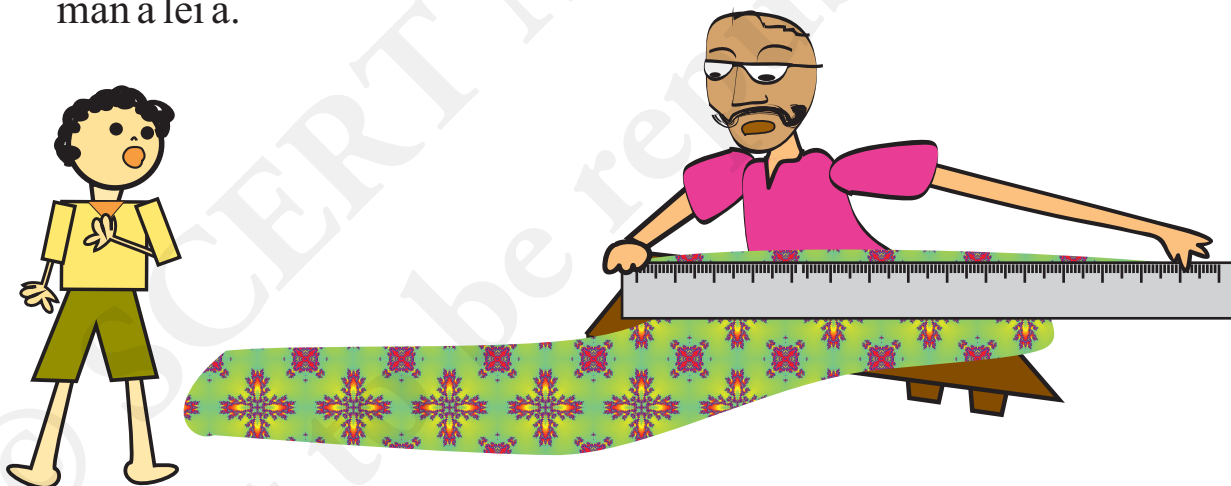
4. Hari-a te, Seema-i te, Chinku-a te Lakshmi-i te chu Guwahati-ah an kal a.

Mi pakhat tân rêl chuan man chu ₹62 a ni a.



I zawhna:

5. Puanthan metre khata sei chu ₹ 20 man a ni a. Lalbiaka chuan ₹ 140 man a lei a.



I zawhna:



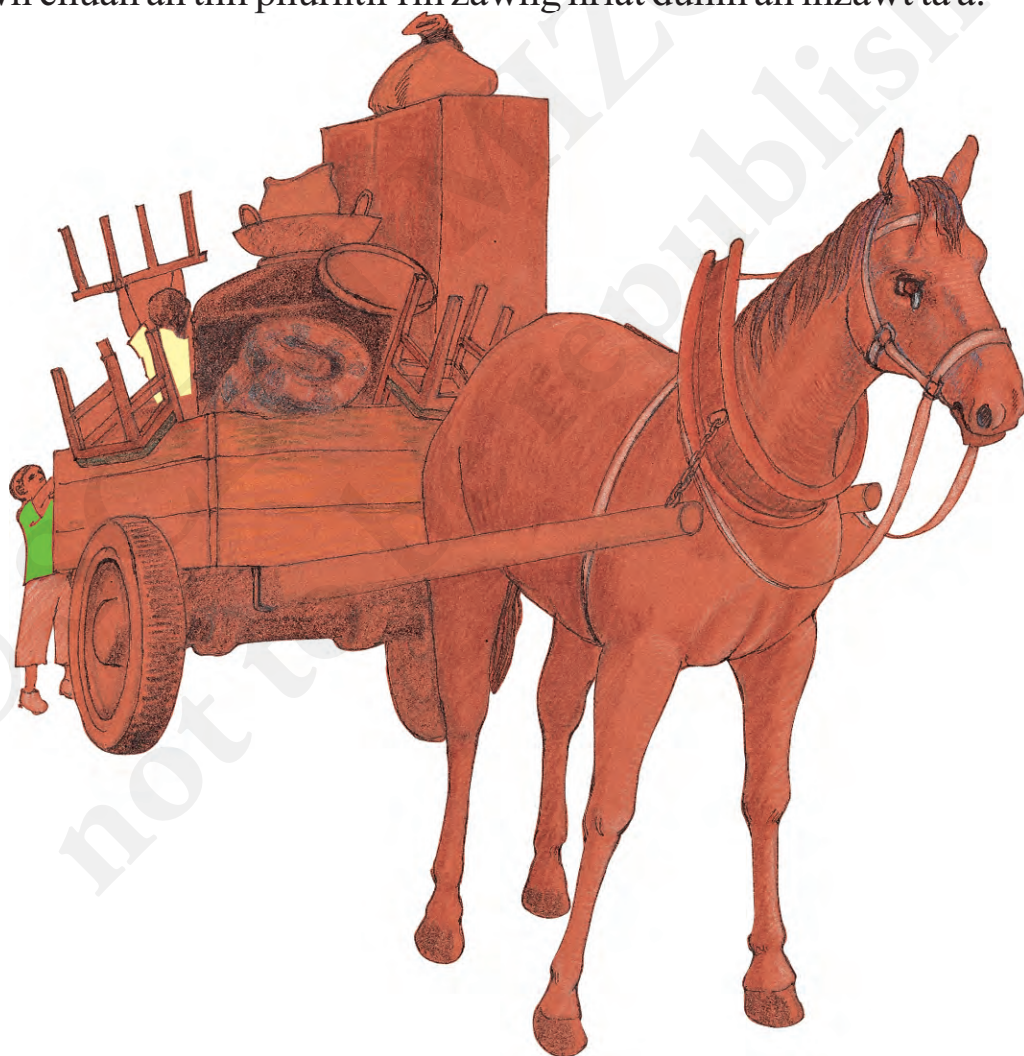
A chhâna tur
ngaihtuah ang che.

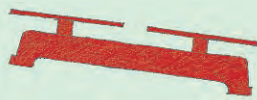


Rih Zâwng leh Zân Zâwng

Jaiju-a leh Mannu-ate chuan an in luah an sawn dawn a. An sakawr tawlailirah chuan an thil neih zawng zawng chu an hlâng a. Thil chi hrang hrang - tui zê, wheat ip nga, dawhkân pathum, almirah pakhat, thutthlêng pali, âwngphah pahnih, buh ip thum, mau leilawn, bungbêl te a ni.

Kal tura an inpeih diam tawh hnu chuan an sakawr chu a kal duh ta tlat lo mai a. A chhan an hre si lo. An pa ber chuan an sakawr chu a dam loh thu leh 250 kg aia rit chu a phurh theih loh thu a sawi a. Chutia a sawi zawh chuan an thil phurhtir rih zâwng hriat duhin an inzâwt ta a.





Pa ber chuan a rih zâwng âwm ang theuh chu a hrih a .

* Tawlailira an phurh zawng zawng rih zâwng zawng chhuak rawh.

Tunah chuan an thil phurh tlêm azâwng chu lak thlak an tum ta a.

* 250 kg pel lo turin an thil phurh zinga mi engte nge an hlân thlâk ang?

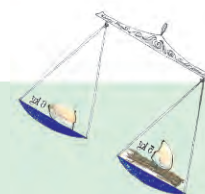
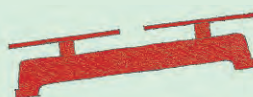
An thil phurh	A rih zâwng
Wheat ip thum	300 kg
Buh ip li	140 kg
Tui zêm	50 kg
Almirah pahnih	300 kg
Dawhkân pahnih	40 kg
Thutthlêng paruk	40 kg
Âwngphah pathuni	60kg
Mau leilâwn	10 kg
Bungbêl	10 kg

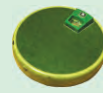
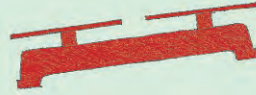


Tawlailira phurh tura an thil hlân kaite chu a lianin a rit êm êm a. Thil lian pui leh rit deuhte rihna hre tur chuan bûkna lian tak kan mamawh a ni.

Mahse Jaiju-a leh Mannu-ate chuan anmahni ngeiin bûkna siam an duh a. Bûkna siam tur chuan hengte hi an la khâwm ta a — thing tâng, thil chhin pahnih leh hrui lian tak. Tichuan he bûkna hi an siam ta a ni.

* Tunah chuan nang pawhin bûkna i siam ve thei ta a, i siam dan indawtin ziaak la, a hnuaia bâwmah hian inbûkna i siam lem chu ziaak ang che.





Activity



Mannu-a leh Jaiju-a te chuan bûkna thlengahte chuan pencil leh geometry box an dah a. A khawi zawk nge uai zawk ang? Eng vingin nge? A lem han ziaik teh.



Eng nge rit zawk?

- * Thil inang lo pahnih lain a eng nge rit zawk hre turin bûknaah khân dah la. A eng nge rit zawk ang tih ring chhin hmasa phawt la, i rin dik leh dik loh chu bûkna hman chuan i fiah dawn nia.

Eng nge rit ber?

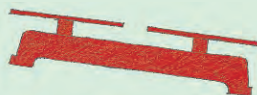
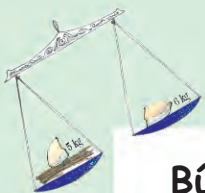
- * Thil pathum la khâwm la. Entir nân – nawhreh, ball leh lehkha. Bûkna hmangin a zâng ber, a laiawl leh a rit ber te thliar la. A hnuaia table hi entirna panga talin tikhat rawh.

Zâng ber	Laiawl	Rit ber
Lehkhapuan	Nawhreh	Ball

- * He bûkna hman hian i rih zâwnng i teh thei em? ?

Naupangin bûkna an siam chu a dik ber kher lo ang a, amaherawhchu thil rih zâwnng inang lo khaikhin nan chuan a tha thawkhat ang.





Bûklung siam

Inkawp zela tih tur. Bûkna, bûk lung, sahbawn tlang, sarâng, òiau vut leh rubber band te hi in mamawh ang. Aia u zawkte pawh pui tur che u in in sawm thei ang.

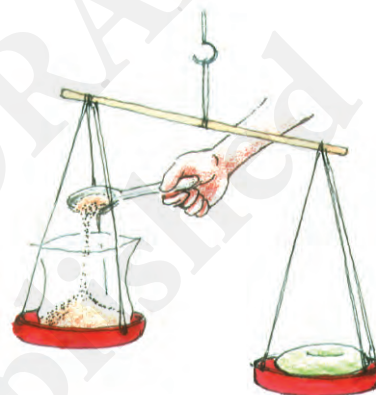
Sahbawn tlang thar la la, A tuamna kawrah chuan a rih zâwng a inziak ang. He sahbawn rih zâwng hmang hian bûk lung i siam thei ang. .

Sahbawn rih zâwng chu _____ gram(g) a ni.

Sarâng te reuh tê la la, bûkna thleng lehlamah chuan dah la, a lehlamah sahbawn dah ang che.

Sarâng chhûnghah chuan muangchangin òiau vut chu thun la, a lehlam nena a inbûk tawk hma chu thun ang che.

A inbûk tawk chiaah tihah sarâng chu rubber-in hrêng la. I zawh hnuah sarâng pangah chuan _____ g tih ziak ang che.



Sahbawn tlang leh sarânga bûklung i siam zawh tak bûkna thleng pakhatat dah dun la, an pahnih chuan gram eng zâta rit nge an nih tak? _____



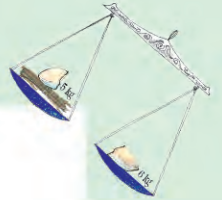
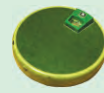
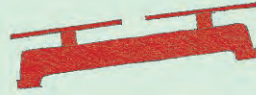
Tunah bûklung dang, 150 g, 200 g leh 250 g a rit te kan siam ang. Hemi siam tur hian sahbawn rih zâwng inang lo hrang hrang i hmang thei ang.

500 g, 1000 g leh 750 g te pawh siam tel ang che.



* I bûklung siam chu thil hrang hrang rih zâwng teh nan hmang la, i note buah ziak zel ang che.





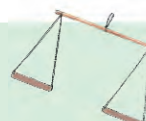
Tihchhin hun

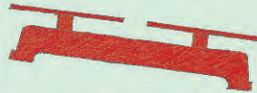
* A thlêng eng zâwk hi nge uai ang? Feia kawkin entir ang che.



* Thlêng hovah khian kilogram 1 chiaha rit a awm em? Chhinchhiah rawh.

* Kg 1 ah gram eng zât nge awm?





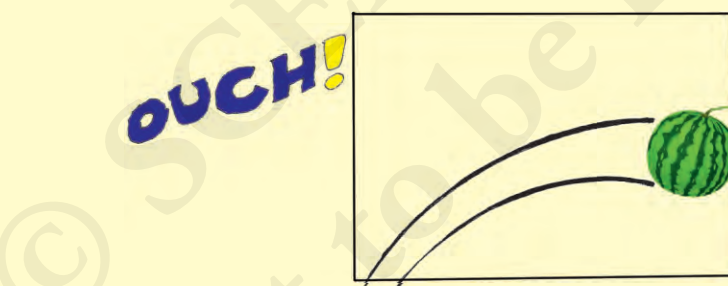
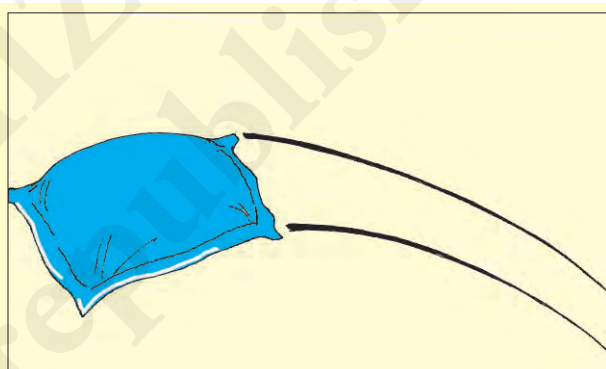
Gram leh Kilogram

Gram emaw kilogram emawa kan lei thin thil panga ziaak teh —



gram a lei	kilogram a lei
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

Eng nge rit zâwk?

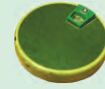
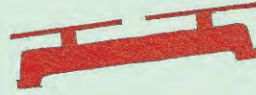


AAA...
AAH!

Sir, he nu hian dawnfawh rit deuhvin min vawm a nia.



He pa hian lapua kg 1-a ritin min vawm a, chuang chuan dawnfawh kg 1-a ritin ka vawm ve a nih kha! Niminah dawnfawh kg 1 leh lapaw kg 1 a intluk tih min hrilh kha.



Bazarah Dinga a kal

Dinga chu bazarah kalin thil eng eng emaw a lei a.

A nau chuan a thil lei rih zâwng inziahna lam chu a lo pawt thlêr a.

* A thil lei rih zâwng chu g leh *kg*-a dahin i rin danin han ziaak chhuak teh.



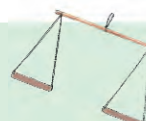
Thil lei	Rih zâwng	
Buhfai	5	
Chini	1	
An'am chi	10	
Wheat	3	
Dal	500	
Thingpuife	250	
Hmarcha	25	

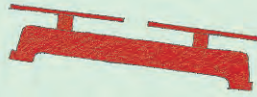
Car leh Tractor

Ruati chuan a inkhualtelemna te chu a bûk a. A tractor chu a car aiin a rit zawk em tih chu hriat a duh a. Engtin nge a hriat vat theih nân i puih ang?

Eng hi nge rit ber ang ngaihtuah teh-car tak tak nge bus nge tractor?

I thil hmuh tawhah eng nge rit ber?





Sai rih zâwng

Tumkhat chu lal pakhat hi a pum a na a. Lal ina doctor tu mahin a pum na chu an tihdamsak thei lo va.

A na lutuk ka tuar zo dawn lo.



Lal chuan heti hian thupêk a chhuah ta a:

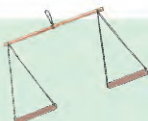
Mi tu pawh ka pumna tidam thei apiang chuan sai bûk zat chiah rangkachak an dawng ang.



Lal thupêk hria chuan khawvêl hmun hrang hrang ațangin mite an lo kal a. Mahse Dr. Vaidika-i chauhvin lalpa chu a tidam thei ta a.

A va lâwmawm êm!
Dr. Vaidik ka lâwm lutuk ka nâ chu a dam ta.

A nih chuan ka lâwmman chu ka dawng thei tawh ang em, ka pu?



Mahse lal duhâm tak chuan rangkachak chu a pe duh lo va. Bum dân tur a ngaihtuah ta a.

Aw le, a hmasain Sai rih zâwng va hre phawt rawh. Tichuan chumi zât rangkachak chu ka pe ang che.



In a thlen chuan Vaidika-i chu a lungawi lo hle mai a. Thil thlen dân zawng zawng chu a fanu a hrilh ta a.

Engtin nge sai te chu ka bûk theih tehlul ang ni? Engtin nge sai bûk theihna tur bûkna ka neih theih ang?

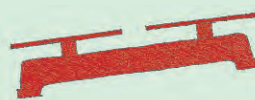
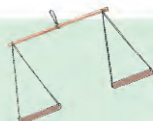
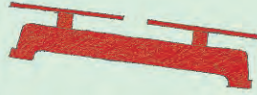
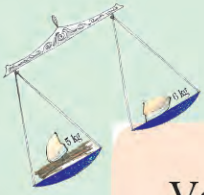
Ka nu, lungngai mah ta che, tih dân tur ka hria alâwm. Lal chu lawng lianpui leh sai lo nei turin hrilh rawh.



A tûk zingah chuan Dr Vaidika-i chuan lui bula kal turin lal chu a sawm ta a. Lal chu lawng lian pui leh sai nêen chuan a lo kal ta a.

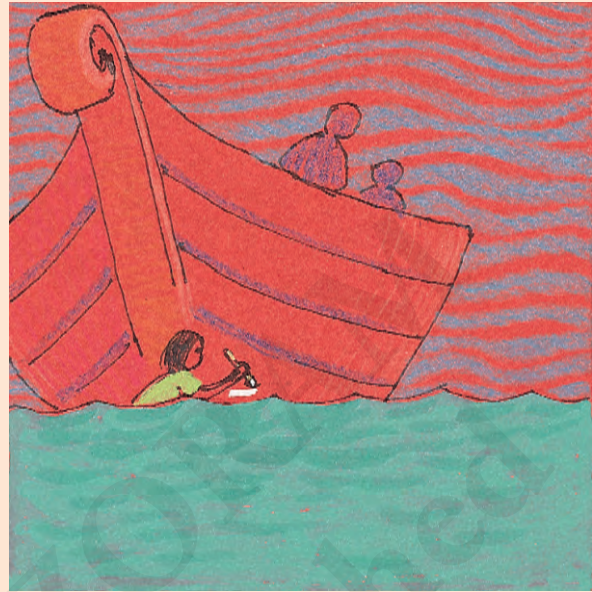
He nu hi mi mâwl tak a ni ang a. Engtin nge sai chu lawngin a bûk theih ang!



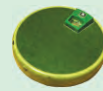
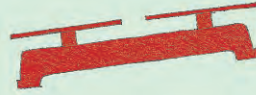


Vaidika-i fanu chu luiah chuan a lût a, Lawng pangah chuan tuiin lawng a chim chin chu a chhinchhiah a.

Chumi hnuah chuan sai chu lawnga rawn dah turin a hrih a. Lawng chu a pil thûk deuh hret a, tuiin lawng a chim chin chu a lo chhinchhiah leh a.

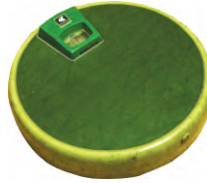


A dawt leha thleng tur chu ngaihtuah zawm ula, a thawnthu phuah pumhlum rawh u le. I thiante nen engtin nge Vaidika-i fanuin sai rihna a zawn chhuah dân sawi ho rawh u.



Thutthlêng rih zâwng

Anamika-i chuan bûkna khâwl hmangin thutthlêng rih zâwng hi hriat a duh a.



A tih dân tur i zawnpui thei em?



Lung keh phel

Abdu-a chuan thingtuah tur a zuar thîn a. A dawrah chuan 13 kg-a rit lung a nei a. Thingtuah tur buk nan a hmang thîn.

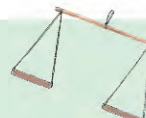
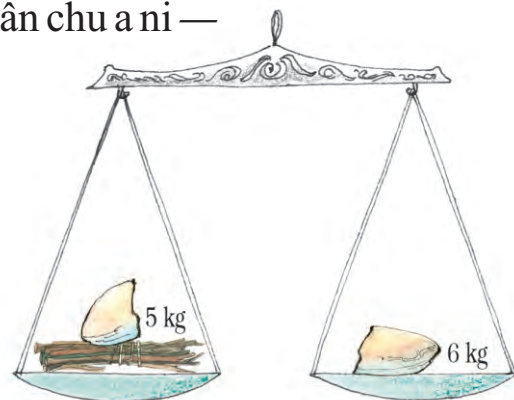
Ni khat chu a lung chu a tla a, hmun 3 ah a keh phel ta a, a keh phel chu - 2 kg, 5 kg leh 6 kg te an ni.

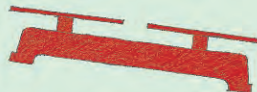


Mahse Abdu-a chu mi fîng tak a ni a. Chu a lung keh te chu thingtuah tur tel hrang hrang, 1 kg a tanga 9 kg a ritte bûk nân a hmang thîn.

Hei hi Abdu-an thingtuah tur 1 kg a bûk dân chu a ni —

Ah! He thingtuah tur tel hi 1 kg a nih hi.

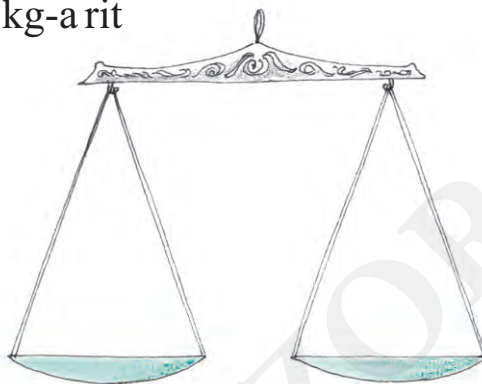




✿ Tunah engtin nge Abdu-an lung phel 3-te hi heng thil bûk nân hian a hman, entir rawh —



a) Thingtuah tur 4 kg-a rit

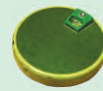
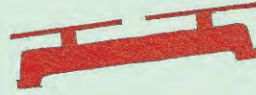


b) Thingtuah tur 3 kg-a rit



c) Thingtuah tur 7 kg-a rit





Dâk in

Dâk inah i kal tawh em? _____

Eng thil chi hrang hrang ti turin nge chutah chuan mi an kal thin? _____

Postcard hi eng zât man nge? _____

Inland letter hi eng zât man nge? _____



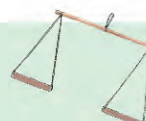
 Postal Rate  	
--	--

Postal Item	A man zât (₹ in)
Postcard pakhat	0.50
Postcard chhut chi	6.00
Inland Letter	2.50
Lehkha –	
i) 20 gram emaw a aia zâng	5.00
ii) a bak 20 gram zelah	2.00
Parcel –	
i) 50 gram emaw a aia zâng	5.00
ii) a bak 50 gram zelah	3.00



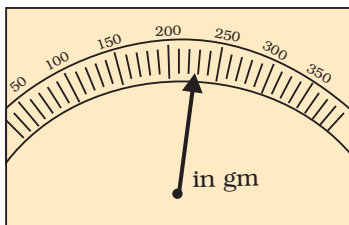
Lehkha thawn man chart in zia k khi en ula:

1. Lehkha 50 gram-a rit thawn turin stamp manah chêng eng zât nge i sên ang? _____
2. Aikhama chuan a thiannu Rami Chennai-a awm hnenah Math Magic textbook parcel-in a thawn duh a. Lehkhabu chu 200g-a rit a ni a. Lehkhabu thawn tur hian thawn man eng zât nge chart a tang khian zawng chhuak rawh. _____



3. Milema a rih zawng inziak hi chhiar la, hetiang a rit parcel thawn tur hian a thawn man eng zât nge i hman ngai ang?

Zawng chhuak rawh.



Parcel rih zâwn = _____

Stamp man = _____



Dâk stamp eng zât nge ngai?



Rahul-a chuan parcel thawn turin stamp man atan ₹ 25 a mamawh a. Post Office ah a va kal a. Stamp ₹ 1, ₹ 2, ₹ 5 leh ₹ 10 man chi chauh an lo nei a. ₹ 25 ni turin chûng stamp-te chu kawng eng zâtin nge a lawr khawm ang?

Kawng ngain i entir thei em? ₹ 25 stamp hmanga parcel thawn theih rit ber eng nge ni?

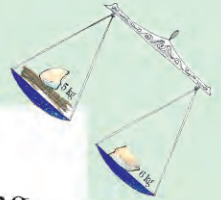
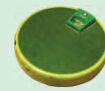
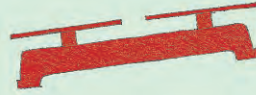
A ruala rih zâwn

Uṭawṭ chu choak ka aṭanga chhuak turin nasa takin a tâl a. Engtin nge ka chhuah theih ang? tiin a ngaihtuah a. Thil ṭha tak a ngaihtuah chhuak ta a. Choak hnenah chuan chhiarkawp thiam tak i ni em, tiin a zawt a. Chhiarkawp thiam tak i nih chuan thil chhân tur ka zawt ang che a ti a.

Nang hi 650g a rit i ni a, keichu 145g chauh. Kan pahnihaa rih zâwn chu eng zat nge? tiin a zawt a.



Choak chu chhiarkawp thiam tak mai a ni a, lawm takin a zawhna chhâng tur chuan a ka chu a âng ta a. Eng thil in nge rawn zui? Choakin chhân a tumna zât chu eng nge ni le? _____



Ka hrisel tha nge ka thau?

A hnuaia chart hian naupang kum 6 atanga kum 10 inkarte sân zâwng leh rih zâwng a lantir.



Hming	Kum	Sân zâwng	Rih zâwng
Temshula	6	3 feet, 7 inches	16 kg
Sreekunth	10	4 feet, 3 inches	23 kg
Rabiya	6	3 feet, 10 inches	17 kg
Vineet	8	3 feet, 11 inches	19.5 kg
Kavita	9	3 feet, 10 inches	20 kg



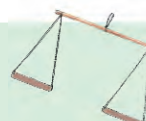
A hnuaia table siamah hian i thian naupang pangate kum, sân zâwng leh rih zâwngte dah khat rawh.

Hming	Kum	Sân zâwng	Rih zâwng

Ka chart min siamsak thei ang em?



Kei pawh....!!!

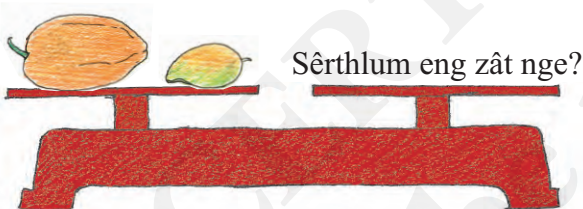
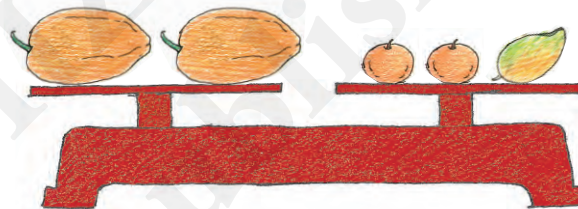
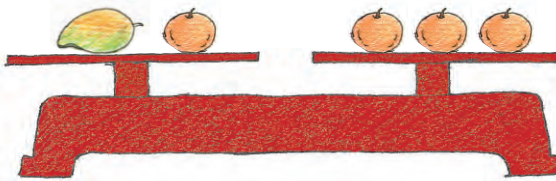


Puzzle

Sêrthlum eng zat nge?

Sêrthlum zawng zawngte hi an rih zâwng a inang vek a. Thingfanghma pahnihte pawh hi an rih zâwng a inang. Bûkna hmasa leh a dawt chiahte hi inbûk tâwk ve ve an ni a.

A pathumnaah hian inbuk tâwk turin sêrthlum eng zât nge ngai ang?



Marble zawnna

Marble pathum a len lam inang chiah a awm a, mahse marble pakhat chu a dang pahni ai chuan tlemin a rit deuh emaw zâng deuh emaw a ni a. Chu marble ber chu i zawng chhuak thei em? A rit zâwk nge a zâng zâwk? Bûkna vawi hnih chiah hemi zawng chhuak tur hian i hmang thei ang.



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