

Cutubka

1 aad

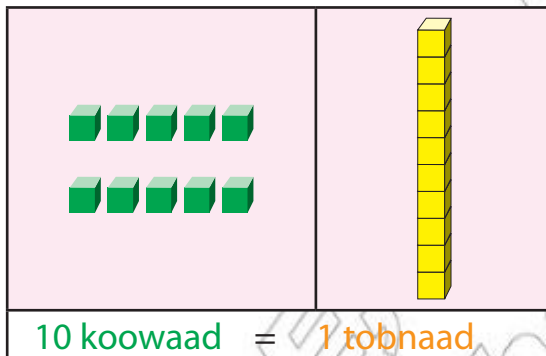
99 209 782 1000
250 + 7 = 257
1 600 999

TIRYOoyINKA IDIL ILAA 10,000 IYO HORSANAANTOODA

1.1 Nakhtiinka Tiryoooyinka Idil ilaa 1000

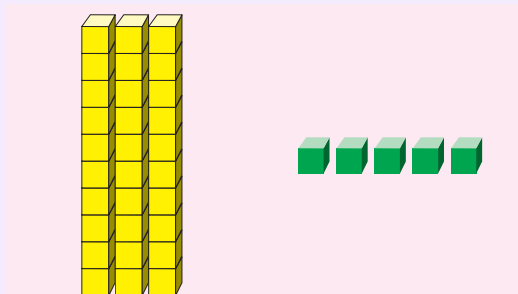
1.1.1 Tirooyinka Idil ee 2-God (laba astiro) ah.

Tobnaad iyo Koowaadka



Hawlgalka 1.1

1 Imisa tobnaad iyo imisa koowaad ayaa hoostan ku xusan? (ku muujisan?)



___ tobnaad ___ koowaad
30 + 5 = 35

2 Su'aasha tirada idil ee aad qorteen shaxda qiima-rugeedka tirooyinka ku muujiya.

| | | |
|--------------------|--------------------|----|
| Godka tobnaadka | Godka koowaadka | |
| | | 35 |
| Soddon iyo shan | | |

Laylis 1

1 Tirooyinka erayada lagu qoray astiro ku qora

- b** Lix tobano iyo saddex koowaad **t** Siddeetan iyo toddoba
j Shan tobano iyo laba koowaad **x** Toddoba tobno

2 Tirooyinkan hoos ku qoran erayo ku qora

- b** 74 **t** 47 **j** 19 **x** 97 **kh** 66

3 Meelaha bannaan buuxiya.

- b** 48 = _____ Tobnaad iyo _____ koowaad
t 99 = _____ Tobnaad iyo _____ koowaad
j 75 = _____ Tobnaad iyo _____ koowaad

4 Tirooyinkan hoose godka (astiraha) hoosta laga xariiqay qiima-rugeedkiisa sheeg

- b** 48 **t** 79 **j** 66

5 Tirooyinkan soo socda mid kastaba u qor Isugeyn ka kooban tiro dhufsanaha 10 ah iyo tiro hal god ah.

- b** 47 **t** 66

Tusaale

$$24 = 20 + 4$$

20 waa tiro ah dhufsanaha 10

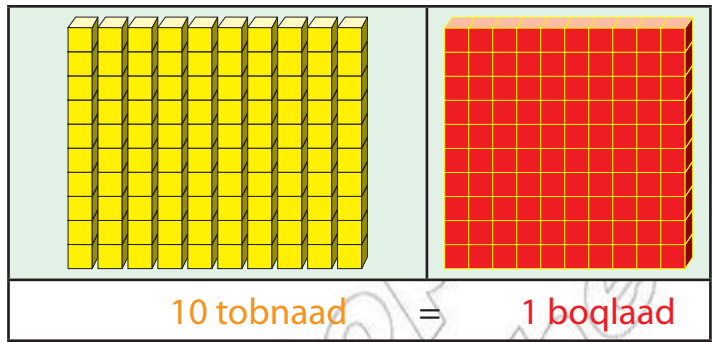
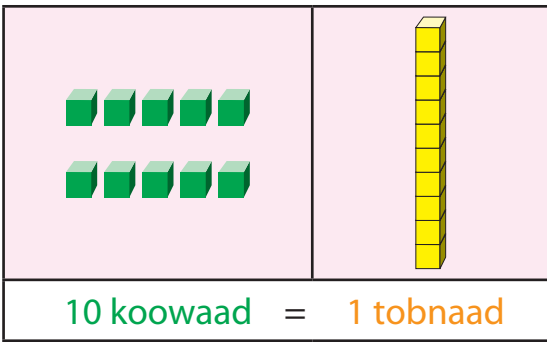
4 waa tiro hal god ah

- b** 47 **t** 52 **j** 29 **x** 79

6 Tirooyinka soo socda u bedala tiro idil oo 2-god ah.

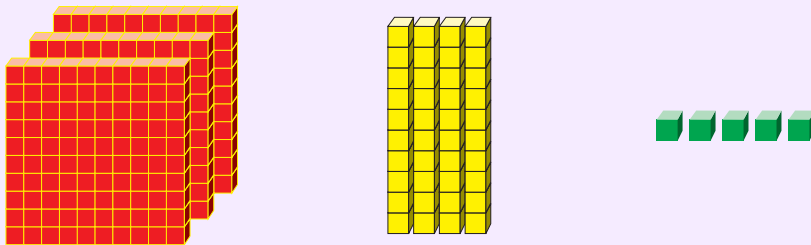
- b** 40 + 9 **t** 60 + 5 **j** 70 + 7

1.1.2 Boqolada, Tobanada iyo Koowaadka



Hawlgalka 1.1

1 Imisa boqolo (boqlaad), tobano iyo koowaadyo ayey sawiradu tilmaamayaan.



_____ boqolaa _____ tobnaad _____ koowaado
300 + **40** + **5** = **345**

2 Korka tirada aad ku qorteen ku muujiya shaxda qiima-rugeedka tirooyinka

| Godka boqlaadka | Godka tobnaadka | Godka koowaadka | |
|-------------------------------|-----------------|-----------------|-----|
| | | | 345 |
| Saddex boqol afartan iyo shan | | | |

Laylis 2

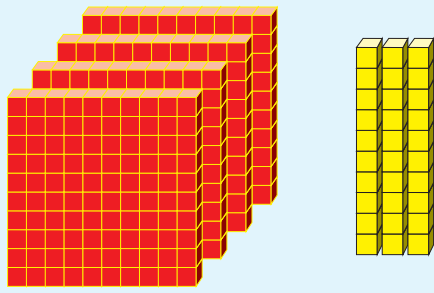
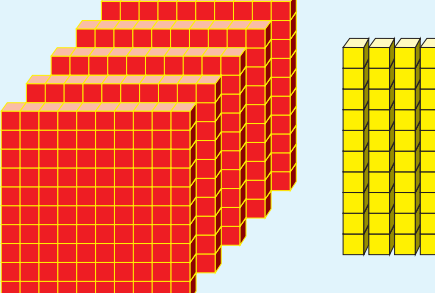
Sawiradu ama erayadu tirada ay u dhigmaan goobaaba.

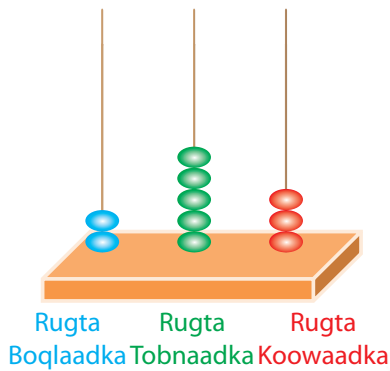
1

223 323 332

2

241 421 412

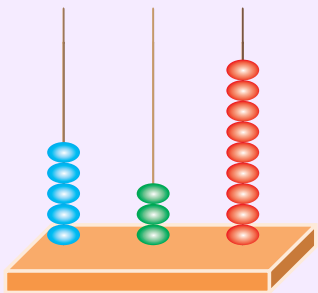
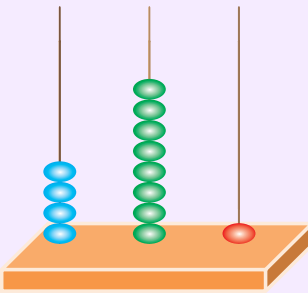
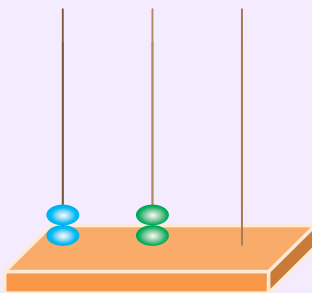
| | | | | | |
|---|---|---|--|-------------------------------------|--|
| 3 |  | 4 |  | | |
| | 434 533 353 | | 455 445 545 | | |
| 5 | Shan boqol afartan iyo laba | | 6 | Lix boqol iyo siddeetau iyo afartan | |
| | 524 542 452 | | | 864 648 684 | |



U fiirsada abaakaska dhinaca bidixda ku yaala. Abakasku wuxuu tilmaamayaa 2 boqlaad 5 tobnaad 3 koowaad marka si fidsan loo qoro waa $200 + 50 + 3$

Hawlgalka 1.2

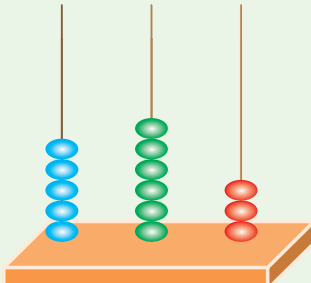
Abaakasyada dushooda tirooyinka ku xusan gooba tirada u dhiganta.

| | | |
|---|---|---|
| b | t | j |
|  |  |  |
| Boqlaadka Tobnaadka Koowaadka | Boqlaadka Tobnaadka Koowaadka | Boqlaadka Tobnaadka Koowaadka |
| 539 359 935 | 841 148 481 | 220 22 202 |

Laylis 3

b *Abaaskaska dusheeda tirada lagu muujiyey goobaaba (gooba galiya).*

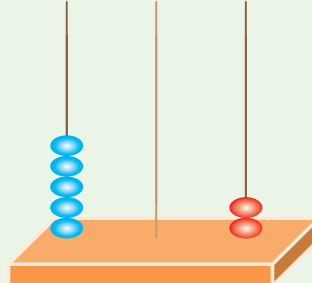
1



Boqlaadka Tobnaadka Koowaadka

365 653 563

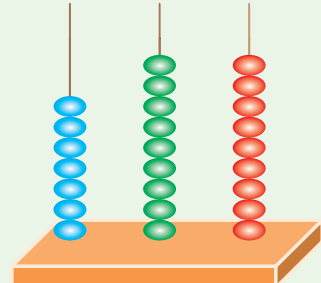
2



Boqlaadka Tobnaadka Koowaadka

205 520 502

3



Boqlaadka Tobnaadka Koowaadka

799 997 979

† *tirada saxda ah ee u dhiganta goobaaba.*

1 4 boqlaad 6 tobnaad 7 koowaad

467 764 476

2 3 boqlaad 2 tobnaad 5 koowaad

235 352 325

3 5 boqlaad 4 tobnaad 0 koowaad

540 450 405

4 400 + 70 + 4

447 474 744

5 600 + 50 + 9

659 596 956

6 800 + 4

840 408 804

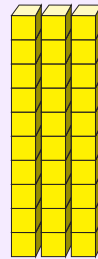
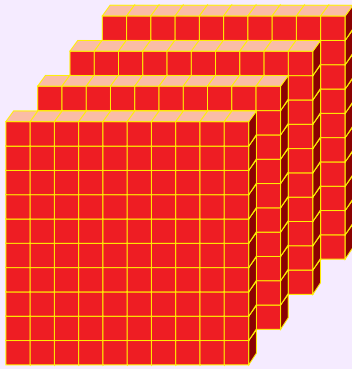
1.1.3 Qorista tirooyinka idil ilaa 1000

Jigjiga iyo Qabridahar fogaanta u dhexeeya waa afar boqal iyo soddon iyo laba km.

Hawlgalka 1.3

Tirada korka lagu soo sheegay ee fogaanta imisa boqlaad, tobnaad, koowaad ayay ka kooban tahay??

Tiradan ku muuji shaxda qiima-rugeedka ee tirooyinka.



_____ Boqlaad

_____ Tobnaad

_____ Koowaad

_____ + _____ + _____ = 432

Afar boqol soddon iyo laba.

Laylis 4

Tiro 3 god ah oo u dhiganta tirada sawirada lagu muujiyey qora.

1

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

2

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

3

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

4

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

5

| | | |
|------------|----------|---------|
| | | |
| Boqlaad___ | Tobnaad_ | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

6

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

7

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

8

| | | |
|----------|---------|---------|
| | | |
| Boqlaad | Tobnaad | Koowaad |
| _____ | _____ | _____ |
| = _____. | | |

Tiro 3-god(saddex-astiroole) ah oo u dhiganta tirada hoos ku tilmaaman qora

9 5 boqolaad 2 tobnaad 4 koowaad

11 2 boqolaad 8 tobnaad 1 koowaad

13 Saddex boqol toban ayo toddoba

15 400 + 60 + 5

17 Toddoba boqol sodon iyo sided

19 Afar boqol iyo toddobaatan

21 Sagaal boqol sagaashan iyo lagaal

10 9 qobolaad 3 tabnaad 2 koowaad

12 7 boqolaad 3 tabnaad

14 siddeed boqol iyo afar

16 900 + 30 + 9

18 shan boqol iyo afar

20 siddeed boqol lixdaniyo shan

22 shan boqol iyo laba iyo lixdan

Tirooyinkan soo socda erayo ku qora.

| | | | | | | | |
|-----------|-----|-----------|-----|-----------|-----|-----------|-----|
| 23 | 469 | 24 | 206 | 25 | 985 | 26 | 324 |
| 27 | 719 | 28 | 615 | 29 | 916 | 30 | 740 |

Shaxdan hoos lagu muujiyey eeg oo magaala kasta inta ay Addis Ababa ka fogtahay qora Idinka oo si fidsan u qoraya

| | Magaca Magaalada | Fogaansha ha (km) ay Addis Ababa u Jirto |
|-----------|------------------------------|--|
| 31 | Jigjiga $652 = 600 + 50 + 2$ | |
| 32 | Matama | |
| 33 | Maqamle | |
| 34 | Laangaano | |
| 35 | Goday | |
| | Jigjiga | 652 |
| | Matama | 628 |
| | Naqamte | 328 |
| | Laagaano | 212 |
| | Goday | 954 |

1.1.4 Kahoreeye iyo ka dambeeye

Tusaale

- b** sheeg tirada 457 ka horaysa ee hal ka yar.
- f** sheeg tirada 457 ka dambaysa ee hal ka weyn.

Jawaab

- b** Tirada 457 ka horaysa ee 1 ka yar waa tirada 456

- f** Tirada 457 ka dambaysa (ama ku xigta) ee 1 ka weyn waa 458 waayo $458 = 457 + 1$

Kahoreeye *Kadanbeeye*



- ☞ *Tira kasta oo idil 'b' oo ka duwan eber $b - 1$ waa tirada ka horaysa b waxaana la yidhaah ka horeeye. $b + 1$ waa tirada ka dambaysa b waxaana la yidhaahda ka dambeeye.*

Hawlgalka 1.4

Idinka oo adeegsanaya xarrigda, tirada ka jawaaba weydiimahan hoose.



- | | |
|---|--|
| 1 Ka horeeyaha 74 waa _____ | 5 Ka horeeyaha 106 waa _____ |
| 2 Ka dambeeyaha 74 waa _____ | 6 Ka dambeeyaha 106 waa _____ |
| 3 Ka horeeyaha 74 ee ah dhufsanaha 10 waa _____ | 7 Ka horeeyaha 106 ee ah dhufsanaha 10 waa _____ |
| 4 Ka danbeeyaha 74 ee ah dhufsanaha 10 waa _____ | 8 Ka dambeeyaha 106 ee ah dhufsanaha 10 waa _____ |

Laylis 5

1 *Shaxahan hoose buugtiina ku roga. Ka dibna meelaha bannaan ku buuxiya tirada la idin siiyey ka horeeyaheeda iyo ka dambeeyaheeda*

| | | | |
|-----------|--|----------|--|
| b | | t | |
| j | | x | |
| kh | | d | |
| r | | s | |

2 *Shaxahan hoose buugagtiina ku roga. Ka dibna meelaha bannaan ku buuxiya tirada la idin siiyey ka horeeyaheeda ee ah dhufsanaha 10 iyo ka danbeeyaheeda ah dhufsanaha 10.*

| | | | |
|-----------|--|----------|--|
| b | | t | |
| j | | x | |
| kh | | d | |

3 *Shaxahan hoose bugaagtiina ku roga. Dabadeedna meelaha banana buuxiya.*

| | | | | | | |
|----------|-----|-----|-----|--|--|--|
| b | 701 | 702 | 704 | | | |
| t | 468 | 469 | | | | |

| | | | | | | | |
|----|-----|-----|-----|-----|--|--|-----|
| j | | | 155 | 156 | | | |
| x | | 340 | 341 | | | | |
| kh | 20 | 30 | | | | | 80 |
| d | 750 | 760 | | | | | 810 |

4 Shaxdan hoose inta ad buugagtiina ku rogtiin buuxiya meelaha bannaan

| | Tiro idil | Ka horeeye | Ka dambeeye | Ka horeeyaha ah dhufsanaha 10 | Ka dambeeyaha ah dhufsanaha 10 |
|----|-----------|------------|-------------|-------------------------------|--------------------------------|
| b | 342 | | | | |
| t | 409 | | | | |
| j | 725 | | | | |
| x | | 612 | | | |
| kh | | | 248 | | |

1.1.5 Isbarbardhigidda iyo Horsanaanta Tirooyinka Idil ilaa 1000

B Isbarbardhigidda

Tusaale 1

Degmo ku taala Deegaanka Somalida xoolaha ay leeyihiin waxa la ogaaday in 572 ay geel yihiin, 539na ay lo' yihiin. Degmadu xoolaha ay leedahay geela iyo loda midkee badan.

Xoolaha kuwa badan Isbarbardhig ayaan ku heli karnaa 572 iyo 539 marka aan isbarbardhigayno, marka u horaysa waxaan isbarbardhigaynaa boqlaadada. Boqlaadadu haddii ay isle'eg yihiin, haddana waxaan isbarbardhigaynaa tobnaadka. Tobanadu iyaguna haddii ay isle'eg yihiin waxaan isbarbardhigaynaa koowaadka.

Labada tirooyin 572 iyo 539 labaduba waxay leeyihiin 5 boqolaad. Hase yeeshee 572 waxay leedahay 7 tobnaad 539 na waxay leedahay 3 tobnaad.

Sidaas darteed 572 way ka weyn tahay 539. Anaga oo adeegsanayna astirada ismale'egta ('>' '<') waxaan u qori karnaa.

$$572 > 539 \quad \text{ama} \quad 539 < 572$$

Sidaas awgeed degmadu xoolaha ay leedahay geela ayaa ugu badan

Tusaale 2

Labada tiro ee lagu siiyey dhexdooda gali “>” ama “<”

b 372 _____ 95 **f** 476 _____ 471

j 698 _____ 713

Jawaab

b 95 boqolo malaha

372 waxay leedahay 3 boqlaad

Sidaas darteed 372 way ka weyn tahay 95 sidaas darteed $372 > 95$

f Labada tiro 476 iyo 471 labaduba 4 boqolo ayey leeyihiin.

Taa ka sakaw labaduba waxay leeyihiin 7 tobnaad

476 waxay leedahay 6 koowaad hase yeeshee 471 waxay leedahay 1 koowaad.

Sidaas darteed $476 > 471$

j 698 waxay leedahay 6 boqlaad (600)

713 waxay leedahay 7 boqlaad (700)

Maadaama ay 6 boqlaad ka yar tahay 7 boqlaad wax inoo cad in 698 ay ka Yar tahay 713

Sidaas darteed $698 < 713$

Laylis 6

Labada Tiro ee la idin siiyey dhexdooda galiya (>’ ama <’ ama =’) midda ku haboon

1 600 300

2 200 500

3 101 105

4 426 941

5 684 674

6 554 550

7 726 789

8 674 695

9 817 917

10 403 503

11 396 377

12 381 391

T Horsanaanta (isku daba tixidda siday u kala waaweyn yihiin ama u kala yar yihiin)

Tusaale 3

Shaxda hoostan lagu qoray waxay tilmaamaysaa magaalada inta kiloomitir ee ay JigJiga u jiraan. Haddaba adiga oo kaga bilaabaya magalada Jigjiga ugu dhaw sida u fogaansha hoodu u kala yar yahay u qor.

| Magaca Magaalada | Fogaanshaha (kilometer) ee ay JigJiga u jirto |
|------------------|---|
| Dhagaxbuur | 213 |
| Goday | 512 |
| Qabridahar | 315 |
| Shiniile | 311 |

Tirooyinku siday u kala yar yihiin si aan isugu daba taxno waa in aan laba laba inta an u qaadno aan isbarbardhignaa.

213, 512, 315, 311

$$213 < 311$$

$$311 < 315$$

$$315 < 512$$

Dabadeedna weedhahan dheeliga ah ayaan sidan isugu daba taxaynaa

$$213 < 311 < 315 < 512$$

Taas oo inoo surtagalinaysa in an tirooyinka horsanaan u qorno (ta yar ilaa ta weyn)

$$213, 311, 315, 512.$$

Sidaas darteed iyada oo lagu salaynayo foogaanta (ta yar ilaa ta weyn) ayaa magaaloyinka sidan hoose loo qori karaa.

Dhagaxbuur, shiniile, Qabridahar, Goday.

Laylis 7

1 *Tirooyinka hoos lagu muujiyey ta ugu yar idinka oo kaga bilaabaya horsanaan u qora.*

b 35, 26, 39, 21

t 258, 250, 227

j 624, 696, 623, 641

x 396, 589, 428, 598

kh 151, 146, 17, 306

2 *Tirooyinkan soo socda ka ugu weyn ka bilaaba oo ilaa ka ugu yar sida ay u kala yar yihiin isugu taxa oo qora.*

b 9, 15, 27, 32

t 515, 501, 526, 561

j 547, 66, 395, 709

x 103, 109, 105, 112

kh 786, 780, 784, 782

3 *Xarfuhu tirooyinka idil ee ay u taagan yihiin dhamaantood wada qora.*

b $484 < a < 491$

t $119 < a < 127$

j $459 < a < 468$

x $212 < b < 227$

kh $323 < b < 333$

d $405 < b < 411$

1.2 Nakhtiinkaxisaab Fallada Tirooyink Idil ilaa 100

1.2.1 Isugeynta tirooyinka idil ee 2-God (astiroole) ah

Tusaale 1

Fasalka saddexaad ardayda ku jirta waxay ka kooban yihiin 24 wiil iyo 25 gabdhood. Fasalka ardayda ku jirtaa dhammaantood waa imisa?

Furfuris

Ardayda fasalka ku Jirta Dhammaantood inta ay yihiin si aan u garano. Waxaan isugaynayna tirada wiilasha iyo tirada gabdhaha.

| Marka u horaysa waxaan isugaynayna-koo waadada | Dabdeed waxaan isugaynaynaa tobnaadada |
|--|---|
| $\begin{array}{r} 24 \\ + 25 \\ \hline 9 \\ 4 + 5 = 9 \end{array}$ | $\begin{array}{r} 24 \\ + 25 \\ \hline 49 \\ 2 + 2 = 4 \end{array}$ |

Sidaas darteed fasalka ardayda ku Jirtaa waa 49.

24 + 25 = 49 xisaabfalkan isugeynta ah 24 iyo 25 waxa la yidhaahdaa **Biiryooyin** 49 na waxa la yidhaahdaa **wadar**

Tusaale 2

Isugayn leh tiro qaadasho (haysasho).

Raadi wadarta $48 + 26$

| Marka u horaysa isugee koowaadka | Ka dib na tobnaadka isugee |
|--|--|
| $\begin{array}{r} 1 \\ 48 \\ + 26 \\ \hline 4 \end{array}$ $8 + 6 = 14$ <p>14 koowaad waa 1 tobnaad iyo 4 koowaad. 4ta intaad qortid 1 ka qaad oo tobnaadka u gee.</p> | $\begin{array}{r} 1 \\ 48 \\ + 26 \\ \hline 74 \end{array}$ $1 + 4 + 2 = 7$ <p>1 kii tobnaad ee aad soo qaaday iyo tobnaadada isugee</p> |

Laylis 8

Isugee

| | | | | |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------------|
| 1 36 +41 <u> </u> | 2 49 +50 <u> </u> | 3 56 +18 <u> </u> | 4 72 +16 <u> </u> | 5 49 +26 <u> </u> |
| 6 78 + 5 <u> </u> | 7 60 +78 <u> </u> | 8 34 +36 <u> </u> | 9 58 +31 <u> </u> | 10 77 +29 <u> </u> |

Weedh-xisaabeedyo (Maasalooyin)

- 11** Fasalka labaad ee dugsiga ardayda ku jirta 42 waa gabdho 45 na waa inamo. Fasalka ardayda ku Jirtaa dhammaantoodu waa imisa?
- 12** Dugsi barayaasha ka dhiga 28 waa rag 14 na waa dumar. Dugsiga barayaasha ka dhigta dhammaatood waa amisa?

1.2.2 Kalagoynta Tirooyinka idil ee 2 – God ah.

Tusaale:

Fasal tirada ardayda ku jirtaa waxay dhan tahay 58. Fasalka ardayda ku Jirtaa 24 haddii ay inamo yihiin, tirada ardayda gabdhuhu waa imisa?

Furfuris:

Si aan u garano tirada ardayda gabdhaha tirada guud ee ardayda ayaan ka goynayna tirada inamada.

| Ugu horaysta kalagoo koowaadada (tirooyinka ku yaala godka koowaadka) | Kadibna kalagoo tobnaadada (tirooyinka ku yaala godka tobnaadka) |
|---|--|
| $8 - 4 = 4$ | $5 - 2 = 3$ |
| 58 | 58 |
| <u>- 24</u> | <u>- 24</u> |
| 4 | 34 |

Sidaas darteed tirada ardayda gabdhaha ee fasalka ku Jiraa waa 34.

U fiirso

$58 - 24 = 34$ xisaab falkan ee kalagoynta dhexdeeda 58 waxa la yidhaahadau **laga gooye**, 24 waa **goosane (la gooye)**, 34 waa **Faraq**.

Laylis 9 (Su'aalo dheeraad ah)

Ka shaqeeya xisaabfalada soo socda (u fiirsada astooyinka xisaafalada).

| | | | | |
|----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| 1 12 <u>+35</u> | 2 20 <u>+40</u> | 3 73 <u>+26</u> | 4 44 <u>- 22</u> | 5 85 <u>- 4</u> |
| 6 37 <u>-22</u> | 7 41 <u>-30</u> | 8 77 <u>- 65</u> | 9 40 <u>- 20</u> | 10 45 <u>-14</u> |
| 11 84 <u>-39</u> | 12 36 <u>- 16</u> | 13 55 <u>- 38</u> | 14 79 <u>- 25</u> | 15 54 <u>+ 55</u> |
| 16 17 <u>- 9</u> | 17 35 <u>-18</u> | 18 61 <u>-33</u> | 19 94 <u>- 25</u> | 20 63 <u>+36</u> |

Idinka oo adeegsanaya shaxdan hoosta dhinaca midig ku taala ka jawaab weydiimaha 21 ilaa 25.

- 21** Fasalka 3b ardayda ku jirtaa waa imisa?
22 Fasalka 3t ardayda ku jirtaa waa imisa?
23 Fasalka 3b tirada ardayda wiilashu imisa ayey ka badan tahay tirada ardayda gabdhaha?
24 Tirada ardayda gabdaha ee fasalka 3B imise ayey ka yar tahay tirada ardayda gabdaha ee fasalka 3t?
25 Fasalkee arday badan leh? Faraqu u dhexeeya waa imisa?

Dugsi dhexdiisa tirada ardayda fasalka 3^{aad}

| Fasal | 3B | 3T |
|--------|----|----|
| Wiilal | 32 | 25 |
| Gabdho | 27 | 30 |

Idinka oo tix racaya amarka buuxiya shaxanadan soo socda.

| 26 | 27 | 28 | 29 |
|-----------------|-----------------|-----------------|-----------------|
| 15 u gee tirada | 47 u gee tirada | 49 u gee tirada | 58 u gee tirada |
| 24 | 20 | 59 | 75 |
| 36 | 12 | 60 | 86 |
| 75 | 37 | 93 | 65 |
| 84 | 47 | 99 | 84 |

1.2.3 Iskudhufashada Tiro idil oo laba-god ah iyo tiro kaloo idil oo hal-god ah.

Tusalee 1

Hal sano waxay leedahay 12 bilood, 3 sanaddod imisa bilood ayey leeyihiin

$$3 \times 12 = \square_0$$

| ugu horaysta 3 waxaan ku dhufanaynaa koowaadyada | Ka dibna 3 waxaan kudhufanaynaa tobnaadka |
|---|--|
| $\begin{array}{r} 12 \\ \times 3 \\ \hline 6 \\ 3 \times 2 = 6 \end{array}$ | $\begin{array}{r} 12 \\ \times 3 \\ \hline 36 \\ 3 \times 1 = 3 \end{array}$ |

Sidaas darteed $3 \times 12 = 36$

U fiirsada:

xisaabfalka iskudhufashada $3 \times 12 = 36$ dhexdeeda tirada 36 waxa layidhaa taran 3daa iyo 12 ka waxa la yidhaahdaa isiro (ama badiyayaal).

Tusalee 2**Iskudhufo**

$$3 \times 24 = \square$$

$$\begin{array}{r} 1 \\ 24 \\ \times 3 \\ \hline 2 \end{array}$$

$$3 \times 4 = 12$$

Marka ugu horaysa waxaan ku bilaabaynaa oo aan 3da ku dhufanaynaa koowaadka. 3 jeer oo min 4 koowaad waa 12. 12 koowaad waa 1 toban iyo 2 koowaad. 2 da inta aan ku qorno godka koowaadka ayaan 1 ka toban qaadaynaa.

$$\begin{array}{r} 1 \\ 24 \\ \times 3 \\ \hline 72 \end{array}$$

$$3 \times 2 = 6$$

$$6 + 1 = 7$$

Ka dib 3 da waxaan ku dhufanaynaa tobnaadka. 3 jeer oo min 2 tobnaad waa 6 tobnaad. 6 da tobnaad iyo 1 kii tobnaad ee aan soo qaadnay ayaan isugaynaynaa $6 + 1 = 7$. 7 da waxaan ku qoraynaa godka-tobnaadka.

Tusaale 3

$$\begin{array}{r} 2 \\ 34 \\ \times 7 \\ \hline 238 \end{array}$$

$$7 \times 4 = 28$$

$28 = 2$ tobnaad iyo 8 koowaad sidaas darteed 8da inta aan godka koowaadka ku qorano ayaan 2 da qaadaynaa $7 \times 3 = 21$ tobnaad.

Kadib $21 + 2 = 23$.

Laylis 10**Iskudhufda**

| | | | | | | | | | |
|----------|---|----------|---|----------|---|----------|---|-----------|---|
| 1 | $\begin{array}{r} 31 \\ \times 2 \\ \hline \end{array}$ | 2 | $\begin{array}{r} 34 \\ \times 3 \\ \hline \end{array}$ | 3 | $\begin{array}{r} 40 \\ \times 2 \\ \hline \end{array}$ | 4 | $\begin{array}{r} 12 \\ \times 8 \\ \hline \end{array}$ | 5 | $\begin{array}{r} 25 \\ \times 3 \\ \hline \end{array}$ |
| 6 | $\begin{array}{r} 13 \\ \times 5 \\ \hline \end{array}$ | 7 | $\begin{array}{r} 41 \\ \times 5 \\ \hline \end{array}$ | 8 | $\begin{array}{r} 43 \\ \times 7 \\ \hline \end{array}$ | 9 | $\begin{array}{r} 83 \\ \times 9 \\ \hline \end{array}$ | 10 | $\begin{array}{r} 42 \\ \times 6 \\ \hline \end{array}$ |

Ka shaqee weedh xisaabeedyadan soo socda.

- 11** Cumar maalin kasta wuxuu shaqeyaa 8 saac Immisa saacadood ayuu 7 maalmood shaqeyn?
- 12** Muuse wuxuu iibsaday 4 shaadh. Hal shaadh qiimihiisu waa 28 Birr. Muuse imisa Birr ayuu dhammaan bixiyey.

1.2.4 Isuqaybinta tiro idil oo laba-godle ah iyo tiro kaloo idil oo hal-godle ah

Tusaale 1

Ka shaqee xisaabfalkan isuqaybinta

$$54 \div 6 = \square$$

$$\text{Fiiri } 6 \times 9 = 54$$

$$\text{Sidaas darteed } 54 \div 6 = 9$$

Xusuusin

weedha isuqaybinta $54 \div 6 = 9$ dhaxeeda

→ 54 waa laqaybshe

→ 6 waa qaybshe

→ 9 waa qayb

Tusaale 2

ka shaqee $7 \overline{)49}^7$

Fiiri: $7 \times 7 = 49$ sidaas darteed $49 \div 7 = 7$

Laylis 11

Xisaabfalka isuqaybinta ka shaqeeya

| | | | | | | | |
|-----------|--------------------|-----------|--------------------|-----------|--------------------|-----------|--------------------|
| 1 | $21 \div 7$ | 2 | $36 \div 4$ | 3 | $30 \div 6$ | 4 | $12 \div 4$ |
| 5 | $28 \div 4$ | 6 | $40 \div 5$ | 7 | $48 \div 8$ | 8 | $25 \div 5$ |
| 9 | $3 \overline{)9}$ | 10 | $3 \overline{)15}$ | 11 | $7 \overline{)42}$ | 12 | $6 \overline{)54}$ |
| 13 | $4 \overline{)32}$ | 14 | $9 \overline{)54}$ | 15 | $8 \overline{)64}$ | 16 | $9 \overline{)63}$ |

Ka shaqee weedh xisaabeedyadan soo socda

- 17** Awr kasta afar haamood oo caana ah ayaa lagu raari karaa. 36 haamood imisa Awr ayey u baahan tahay?
- 18** Qof bukaan ah ayuu dhakhtarku u qoray 35 kiniin inuu maalin kasta 5 kiniin qaato. Imisa malmood ayuu bukaanku ku dhammayn kiniinka?

1.3 Dhufsanayaasha 100 iyo 1000 ilaa 10,000

1.3.1 Dhufsanayaasha 100 ilaa 10,000

Tusaale 1

Hal kiintaal oo galley ah culayskeedu waa 100 kg saddex kiintaal oo galley ah culayskoodu waa imisa?



$$1 \text{ kiintaal} = 1 \text{ boqol oo kg} = 1 \times 100 \text{ kg} \\ = 100 \text{ kg}$$



$$2 \text{ kiintaal} = 2 \text{ boqol oo kg} = 2 \times 100 \text{ kg} \\ = 200 \text{ kg}$$



$$3 \text{ kiintaal} = 3 \text{ boqol oo kg} = 300 \text{ kg}$$

Sidaas darteed 3 kiintaal oo galley ah culayskoodu waa 300 kg.

U fiirsada

100 marka lagu dhufto tiro kale oo ka duwan eber '0' tarantu waa tiradii oo xaga hore laga raaciyey laba eber (00)

$$\infty \quad 14 \text{ boqlaad} = 14 \times 100 = 1400 \text{ [kun iyo afar boqol]}$$

$$\infty \quad 30 \text{ boqlaad} = 30 \times 100 = 3000 \text{ [saddex kun]}$$

Faahfaahinta kor lagu dhigay waxay inoo cadaynaysaa in tirooyinka.

100, 200, 300, 1400, 3000 ... ay yihiin dhufsanayaasha 100.

U fiirsada

Waxayna taasi ka dhigan tahay in Dhufsanayaasha boqol godadkooda koowaadku iyo tobnaadku ay ebro yihiin.

Laylis 12

- 1 Astiro ku qora**
- b** 8 boqlaad
t 10 boqlaad
j 14 boqlaad
x 26 boqlaad
kh 64 boqlaad
d 80 boqlaad
- 2 Mid kasta tirada u dhiganta qora**
- b** 6×100
t 15×100
j 40×100
x 58×100
kh 70×100
d 81×100

- 3 Shaxda buugagtiinaxisaabta inta aad ku rogtaan tirooyinka dhufsanayaasha 100 ee ka maqan ku buuxiya.**

| | | | | | | | | | |
|------|------|------|------|------|------|------|--|-----|-------|
| 100 | 200 | 300 | | | | | | 900 | 1000 |
| 1100 | 1200 | | | 1500 | | | | | |
| | 2200 | | | | | | | | |
| | | | | | 3600 | | | | |
| | | | 5400 | | | | | | 6000 |
| | | | | | 6600 | | | | |
| | | | | | | 8700 | | | |
| | | 9300 | | | | | | | 10000 |

- 4 Shaxanada buugagtiina inta aad ku rogtaan boqol boqol idinka oo u tiriinaya meelaha bannaan ku buuxiya dhufsanayaasha boqol.**

| | | | | | | |
|----------|------|------|------|------|------|--|
| b | 200 | 300 | | 500 | 600 | |
| t | 800 | | 1000 | 1100 | | |
| j | 4000 | 4100 | | | 4400 | |

| | | | | | | |
|-----------|------|------|------|------|--|-------|
| x | 9200 | | 9400 | | | |
| kh | | 7700 | | 7900 | | |
| d | 9500 | | | | | 10000 |

5 *Meelaha bannaan ku buuxiya tirada la idin siiyey ka horeeyaheeda iyo ka danbeeya heeda oo labaduba ah dhufsanayaasha 100.*

| | | | | | |
|-----------|------|--|----------|------|--|
| b | 244 | | t | 315 | |
| j | 812 | | x | 5100 | |
| kh | 761 | | d | 8500 | |
| r | 6000 | | s | 600 | |
| sh | 9900 | | | | |

6 *Dhuftanayasha boqol ee la idin siiyey u qora 100 iyo tiro kale oo la isku dhuftay.*

| | | | | | |
|----------|---------------|-----------|------|----------|------|
| b | 400 = 4 × 100 | t | 600 | j | 3200 |
| x | 2100 | kh | 1300 | d | 3000 |

7 *Tirooyinka soo socda mid kastaba inta boqol ay tahay sheeg oo qor.*

| | | | | | |
|-----------|---|----------|------|----------|------|
| b | 1300 toban iyo saddex boqol (ama saddex iyo toban boqol). | | | | |
| t | 500 | j | 1900 | x | 2000 |
| kh | 7100 | d | 6800 | | |

8 *Tirooyinka soo socda erayo ku qora.*

| | | | | | |
|-----------|--------------------------------|----------|------|----------|------|
| b | 1300 hal kun iyo saddex boqol. | | | | |
| t | 600 | j | 1900 | x | 2200 |
| kh | 800 | d | 5200 | r | 4200 |

9 *Shaxanadan soo socda mid kasta amarkeeda idinka oo raacaya buuxiya.*

| b | t | j | x |
|---------------------|----------------------|--|--|
| 100 ku dhufo tirada | Raadi oo qor taranta | Tirada lagu siiyey Ka horeeyaheeda ah dhufsanaha 100 qor | Ka danbeeyaha tirada ee ah ah dhufsanaha 100 qor |
| 8 | 20×100 | 300 | 500 |
| 7 | 35×100 | 600 | 7200 |
| 11 | 94×100 | 1200 | 8000 |
| 24 | 70×100 | 3700 | 9100 |
| 67 | 97×100 | 5000 | 6900 |

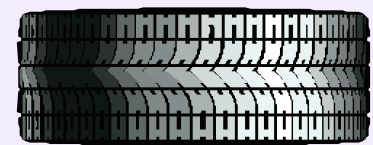
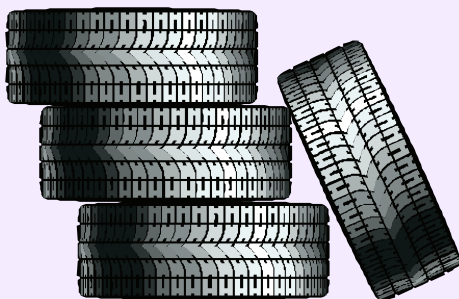
10 *Ka shaqee weedh xisaabyadan soo socda*

- b Dad degmo ku nool ayaa ku heshiiyey in ay lacag iska ururiyaan si ay iskaga bixiyaan kharashka la xidhiidha ceel biyo ah qodistiisa. Waxayna ku heshiiyeen in qoys kastaa bixiyo 100 Birr. Degmada tirada qoysaska ku nooli haddii ay tahay 48 dhammaan inta birr ay iska ururiyeeni waa imsa?
- t 13 Birr imisa saanti ayey noqon?

1.3.2 Dhufsanayaasha 1,000 ilaa 10,000

Hawlgalka 1.5

Gaadhiga xamuulka (rarka) halkiisa shaag qiimihiisu waa 1000 birr. 4 shaag qiimahoodu waa imisa?



Qiima = 1000 Birr

- Qiimaha hal shaag = $1 \times 1000 = 1,000$
 2 shaag qiimahoodu = $2 \times 1000 = \underline{\quad}$.
 3 shaag qiimahoodu = $3 \times \underline{\quad} = \underline{\quad}$.
 4 shaag qiimahoodu = $\underline{\quad} \times \underline{\quad} = \underline{\quad}$.

Sidaas darteed qiimaha 4 shaag waa Birr.

U fiirsada

6 kunaad = $6 \times 1000 = 6000$ (Lix kun)

Waxay taasi inoo cadaynaysaa oo aan ku fahmaynaa in tirooyinka

1,000 , 2,000 , 3,000 , 4,000 , 5,000 , 6,000 ... ay yihiin dhufsanayaasha 1000

U fiirsada

1000 marka lagu dhufsto tiro kale oo ka duwan eber '0' tarantu waa tiradii oo xaga hore laga raaciyay saddex ebero (000)

Laylis 13**B Astiro ku qora**

| | | | | | |
|-----------|-----------------|-----------|-----------------|-----------|------------------|
| 1 | 5 kunaad | 2 | 3 kunaad | 3 | 8 kunaad |
| 4 | 2 kunaad | 5 | 4 kunaad | 6 | sagaal kun |
| 7 | 9×1000 | 8 | 3×1000 | 9 | 1×1000 |
| 10 | 6×1000 | 11 | 7×1000 | 12 | 10×1000 |

T Shaxdan hoose buugtiina u guuriya. Ka dibna tirooyinka ah dhufsanayaasha 1000 goobaba.

| 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 |
|-------------|------|------|------|------|------|------|------|------|
| 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 |
| 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2700 |
| 2800 | 2900 | 3000 | 3100 | 3200 | 3300 | 3400 | 3500 | 3600 |
| 3700 | 3800 | 3900 | 4000 | 4100 | 4200 | 4300 | 4400 | 4500 |
| 4600 | 4700 | 4800 | 4900 | 5000 | 5100 | 5200 | 5300 | 5400 |
| 5500 | 5600 | 5700 | 5800 | 5900 | 6000 | 6100 | 6200 | 6300 |
| 6400 | 6500 | 6600 | 6700 | 6800 | 6900 | 7000 | 7100 | 7200 |
| 7300 | 7400 | 7500 | 7600 | 7700 | 7800 | 7900 | 8000 | 8100 |
| 8200 | 8300 | 8400 | 8500 | 8600 | 8700 | 8800 | 8900 | 9000 |
| 9100 | 9200 | 9300 | 9400 | 9500 | 9600 | 9700 | 9800 | 9900 |

J 1 kun idinka oo ku tirinaya meelaha bannaan ku buuxiya dhufsanayaasha ah 1 kun.

| | | | | | | |
|----------|------|------|------|------|--|------|
| 1 | 1000 | 2000 | | 4000 | | 6000 |
| 2 | 3000 | | 5000 | | | 8000 |

| | | | | | | |
|---|------|------|------|------|------|-------|
| 3 | | 3000 | | | 6000 | |
| 4 | | | | 6000 | | 8000 |
| 5 | 2000 | | | | | 7000 |
| 6 | | | 7000 | | | 10000 |

Su'aalo dheeraad ah

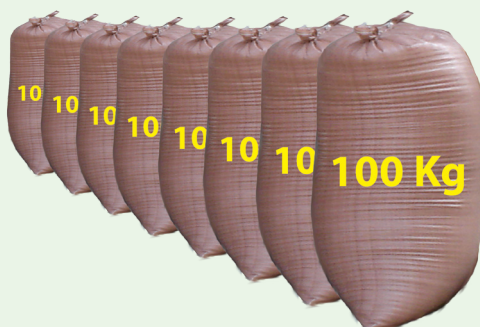
1 Tirooyinka ah dhufsanayaasha 100 goobaba.

| | | | | | | |
|---|------|------|------|------|------|-------|
| b | 300 | 410 | 3006 | 7200 | 4000 | 9205 |
| t | 6000 | 600 | 774 | 90 | 8004 | 904 |
| j | 833 | 4700 | 5200 | 10 | 899 | 10000 |

2 Tirooyinka ah dhufsanayaasha 1000 goobaba.

| | | | | | | |
|---|------|------|------|------|------|------|
| b | 200 | 3000 | 600 | 7000 | 100 | 5000 |
| t | 30 | 400 | 760 | 8000 | 2200 | 679 |
| j | 7544 | 6000 | 4000 | 2003 | 9000 | 1000 |

3 Jooniyadii waliba waxay qaadaa 100 kg oo sonkor ah.



b 5 jooniyadood imisa kg oo sonkor ah ayey qaadayaan?

t 10 jooniyadood imisa kg oo sonkor ah ayey qaadayaan?

j 25 jooniyadood imisa kg oo sonkor ah ayey qaadayaan?

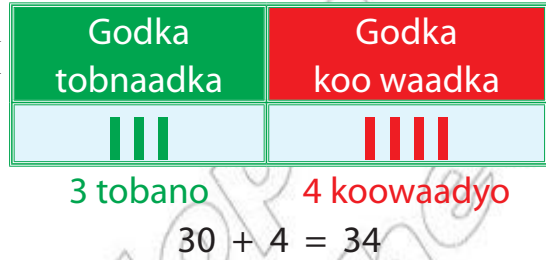
4 b 300 iyo 1000 tirooyinka u dhexeeya ee ah dhufsana yaasha 100 qora.

t 600 iyo 1500 tirooyinka u dhexeeya ee ah dhufsanayaasha 100 qora.

1.4 Tirooyinka Idil ilaa 10,000

1.4.1 Koowaadyada iyo Tobnaadada

Jaartiga tirada ee dhinaca midig ku xusan tirada lagu muujiyey waxay u taagan tahay soddon iyo afar.



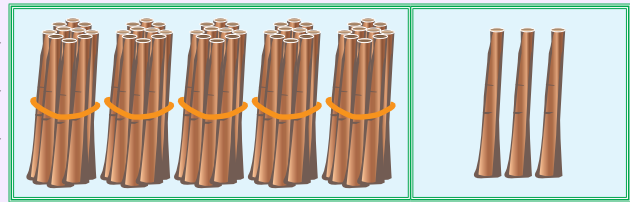
Tirada 34 marka loo qoro $30 + 4$ (wadar ka kooban dhufsanaha 10 iyo tiro 1-god ah) waxaan odhanaynaa waxaa loo qoray habka fidinta.

Hawlgalka 1.6

1 Jaartiga tirada ee dhinaca midigta ku yaala tirada lagu muujiyey waa imisa?



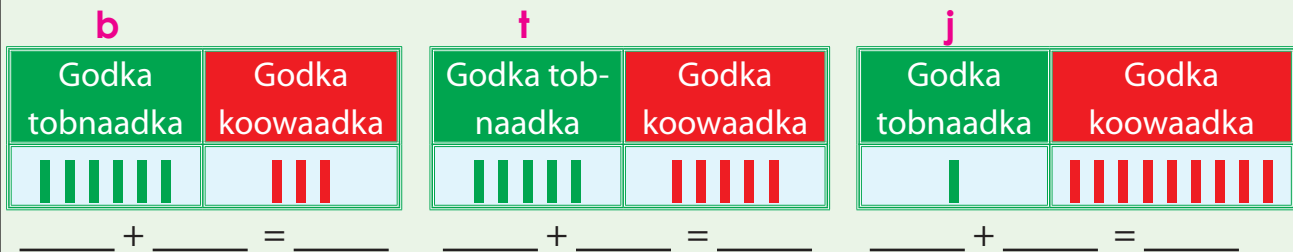
2 Qoryaha xidhmooyinka iy kuwaan isku xidhnayn mid ahaan tirada ay matilayaan (utaagan yihiin) waa imisa?



3 Idinka oo laba laba isku kooxaynaya iswarsada oo falanqeeya sida aad tirada 48 ugu muujinaysiin jaartiga tirada dushiisa.

Laylis 14

1 *Jaartiyada tirada tirooyinka lagumujiyay si fidsan u qora islamarkaana astiro ku qora.*



2 *Tirooyinka sida caadiga ah astiro ku qora.*

b $10 + 9$ **t** $30 + 1$ **j** $50 + 4$

3 Tirooyinkan hoose habka fidinta ku qora

b 63 t 28 j 75

1.4.2 Koowaadka tobnaadka iyo boqlaadka

Jaartiga tirada ee dhinaca midig ku xusan tirada lagu muujiyay waxay u taagan tahay laba boqol siddeetan iyo shan.

| Godka boqlaadka | Godka tobnaadka | Godka koowaadka |
|-----------------|-----------------|-----------------|
| | | |

$$200 + 80 + 5 = 285$$

Tirada 285 marka loo qoro $200 + 80 + 5$ (wadar ka kooban dhufsanaha 100, dhufsanaha 10 iyo tiro 1-god ah) waxa loo yaqaanaa habka fidinta.

Hawlgalka 1.7

Tirada 408 ku muujiya jaartiga tirada dushiisa. Ka dibna si fidsan u qora.

| Godka boqlada | Godka tobnaadka | Godka koowaadka |
|---------------|-----------------|-----------------|
| | | |

Laylis 15

1 Jaartiyada tirada tirooyinka lagu muujiyey habka fidinta ku qora isla markaana astiro ku qora.

b

| Godka boqlaadka | Godka tobnaadka | Godka koowaadka |
|-----------------|-----------------|-----------------|
| | | |

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

t

| Godka boqlaadka | Godka tobnaadka | Godka koowaadka |
|-----------------|-----------------|-----------------|
| | | |

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

2 Tirooyinka habka fidinta loo qoray sida caadiga ah astiro ku qora.

b $700 + 20 + 9$ t $600 + 50 + 1$ j $300 + 80 + 1$

x $800 + 10 + 1$ kh $900 + 40 + 1$

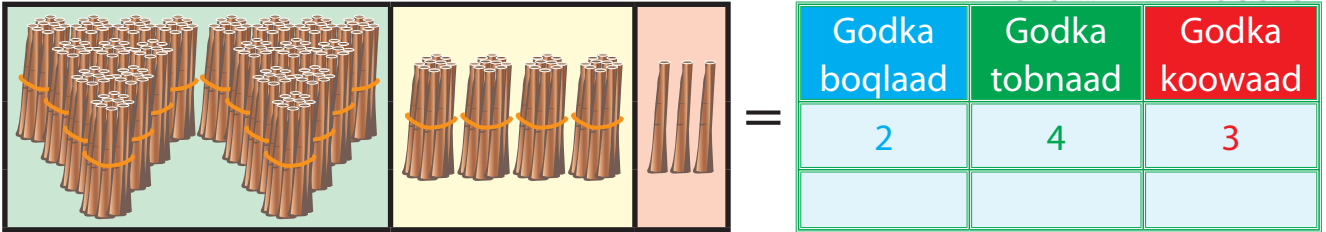
3 Tirooyinkan hoose habka fidinta ku qora

b 408 t 960 j 743

x 197 kh 525 d 299

1.4.3 Fahamka (garashada) Qiimaha Astirooyinka iyo Qiima-rugeedyada

Tirada 243 shaxda qiima-rugeekda tirooyinka sidan hoos loogu sharxay ayaa loogu muujin karaa.



Ufirsada tirada 243

- ✎ Astirada 2 waxay ku taalaa godka boqlaad. Sidaas darteed qiimaha 2 waa $2 \times 100 = 200$
- ✎ Astirada 4 waxay ku taalaa godka tobanada. Sidaas darteed qiimaha 4 waa $4 \times 10 = 40$.
- ✎ Astirada 3 waxay ku taalaa godka koowaadka. Sidaas darteed qiimaha 3 waa $3 \times 1 = 3$.

Laylis 16

1 Tirooyinka la idin siiyey shaxda qiima-rugeedka ee tirooyinka ku qora.

b 312

| Godka boqlaad | Godka tobnaad | Godka koowaad |
|---------------|---------------|---------------|
| | | |

t 458

| Godka boqlaad | Godka tobnaad | Godka koowaad |
|---------------|---------------|---------------|
| | | |

j 904

| Godka boqlaad | Godka tobnaad | Godka koowaad |
|---------------|---------------|---------------|
| | | |

x 258

| Godka boqlaad | Godka tobnaad | Godka koowaad |
|---------------|---------------|---------------|
| | | |

2 Astirada midabka cas lagu qoray qiimiheedu waa imisa?

b 428

t 178

j 337

x 222

kh 635

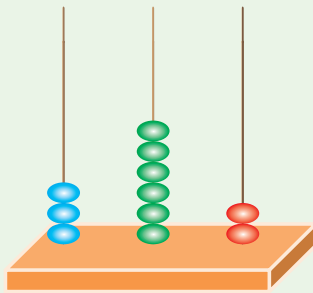
d 283

r 309

s 444

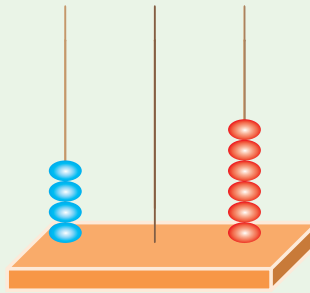
3 Tirooyinka abaakaska lagu muujiyey qora.

b



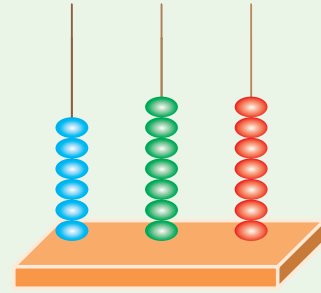
Boqlaadka Tobnaadka Koowaadka

t



Boqlaadka Tobnaadka Koowaadka

j



Boqlaadka Tobnaadka Koowaadka



*4 Idinka oo isticmaalaya astirooyinka 1, 3, iyo 8 qora dhammaan tirooyinka 3-godlaha ah ee laga samayn karo.

*5 Tirooyinka 3-godleyaasha ah midda ugu weyni waa tiradee? Ta ugu yarise waa tee?

1.4.4 Koowaadyada, Tobnaadyada, Boo'aadyada iyo kunnanaad yada

Buuraha Itoobiya ku yaala waxa ka mid ah, buurta loo yaqaano Jebeltita oo laga helo dhulka buuraleyda ah ee magaalada Diridhaba ku dhaw. Buurtan dhererkeedu waa 3122 mitir.

3122 shaxda qiima-rugeedka tirooyinka iyo jaartiga. tirada sidan hoos ku ttusan ayaa lagu muujin karaa.























| | Godka kumanaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
|----------------------------------|----------------|---------------|---------------|---------------|
| Jaartiga tirada | | | | |
| Shaxda qiima-rugeedka tirooyinka | 3 kumaad | 1 boqlaad | 2 tobnaad | 2 koowaad |

$$3000 + 100 + 20 + 2 = 3,122$$

Hawlgalka 1.8

Jaartiyada tirada tirooyinka lagu muujiyey habka fidinta ku qora. Isla markaana astiro ku qora.

| | | | | |
|---|---|---|---|---|
| 1 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| |  |  |  |  |
| | | | | |
| 2 | Godka Kunaad | Godka boq-laad | Godka tobnaad | Godka koowaad |
| |  |  |  |  |
| | | | | |
| 3 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| |  |  | |  |
| | | | | |
| 4 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| |  | |  | |
| | | | | |
| 5 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| |  |  |  | |
| | | | | |
| 6 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| |  |  |  |  |
| | | | | |

Laylis 17**1** *Tirooyinka la siiyey ku dul qora shaxda qiima-rugeedka tirooyinka.*

| | | | | |
|----------------|--------------|---------------|---------------|---------------|
| b 3,528 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

| | | | | |
|----------------|--------------|---------------|---------------|---------------|
| t 2,894 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

| | | | | |
|----------------|--------------|---------------|---------------|---------------|
| j 3,054 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

| | | | | |
|----------------|--------------|---------------|---------------|---------------|
| x 7,204 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

| | | | | |
|-----------------|--------------|---------------|---------------|---------------|
| kh 9,457 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

| | | | | |
|----------------|--------------|---------------|---------------|---------------|
| d 5,266 | Godka Kunaad | Godka boqlaad | Godka tobnaad | Godka koowaad |
| | | | | |

2 *Astirada qalinka cas lagu qoray qiimaheedu waa imisa?*

| | | |
|---------------|----------------|---------------|
| b 3741 | t 4567 | j 8989 |
| x 6321 | kh 7752 | d 4024 |

3 *Tirooyinkan hoose mid waliba imisa kunnaad, boqlaad, tobnaad iyo koowaad ayay leedahay?*

| | | |
|----------------|-----------------|----------------|
| b 5,216 | t 3,050 | j 6,088 |
| x 3,294 | kh 7,009 | d 4,117 |

4 *Shaxdan hoos ku muujisan dhammaystira*

| Tiro idil | Kunaad | Boqlaad | Tobnaad | Koowaad | Erayo marka lagu qoro |
|-----------|--------|---------|---------|---------|--|
| 3,894 | 3 | 8 | 9 | 4 | Saddex kun siddeed bogol sagaashan iyo afar. |
| 8,019 | | | | | |
| 1,257 | | | | | |
| 7,995 | | | | | |
| 6,340 | | | | | |
| 5,219 | | | | | |

Su'aalo Dheeraad ah

1 *Tirada habka fidinta lagu qoray sida caadiga ah astiro ku qora.*

b $2000 + 500 + 20 + 4$

t $6000 + 300 + 80 + 2$

j $1000 + 600 + 40 + 5$

x $8000 + 400 + 50 + 7$

kh $5000 + 700 + 2$

2 *Tirooyinkan hoose si fidsan u qora.*

b 6,351

t 7,076

j 9,282

x 6,282

3 *Tirooyinka astiro ku qora.*

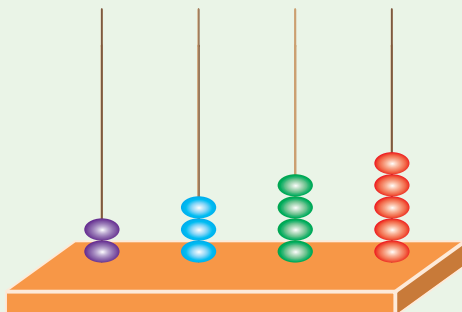
b 3 kumano 2 boqolo 9 tobano 7 halhalo

t lix kun toddoba boqol konton iyo lix

j 2 kumano 4 halhalo

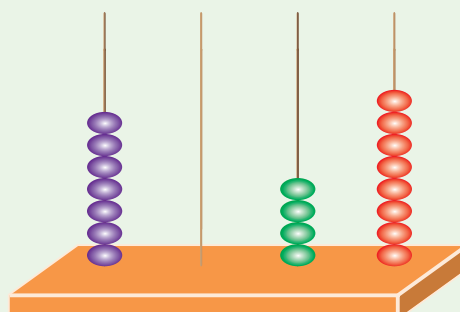
4 *Tirooyinka abaakaska lagu muujiyey astiro ku qora.*

b



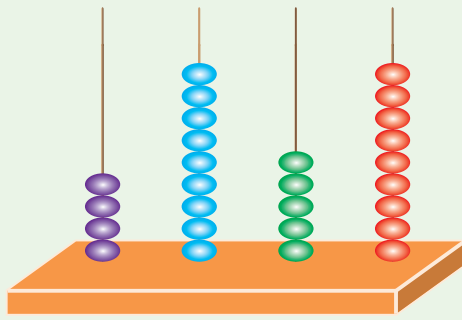
Kumnaad Boqlaad Tobnaad Koowaad

t



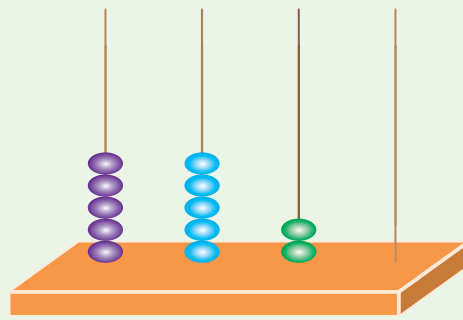
Kumnaad Boqlaad Tobnaad Koowaad

j



Kumnaad Boqlaad Tobnaad Koowaad

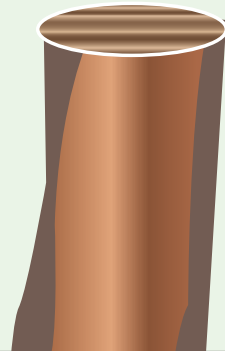
x



Kumnaad Boqlaad Tobnaad Koowaad

- 5 Abaakaska dhinaca midigta ku xusan haddii ay jiraan kuulo ka dhimman ku sawir kuwa dheeraad ah haddii ay jiraan na calaamada '×' inta aad ku samaysid tiradan hoos ku tusan abaakaska ku muujiya.

5,807



1.5 Isbarbar-dhigidda iyo Horsanaanta Tirooyinka Idil

1.5.1 Isbarbardhigidda

Nin dukaanle ah ayaa bishii Maskaram iibiyey 2,459 buugagta wax lagu qoro. Bishii ku xigtay ee Tiqimtina wuxuu iibiyey 976 buug. Dukaanluhu bishee ayuu buug fara badan iibiyey?

Furfuris:

Si aan u garano bisha uu buugag badan iibiyey labada bilood tirada buugagta uu iibiyey ayaan isbarbardhigaynaa.

| Kunnaad | Boqlaad | Tobnaad | Koowaad |
|---------|---------|---------|---------|
| 2 | 4 | 5 | 9 |
| | 9 | 7 | 6 |

Tirada godadka badan lehi marwalba way ka weyntahay tirada godad yar leh.

Sidaas darteed,

2,459 > 978

ama

978 < 2,459

Sidaas awgeed dukaanluhu bisha Maskaram ayuu iibiyey buug badan.

Marka aan isbarbardhigayno laba tiro oo leh, astiroyaal (godad) ay tiradoodu isle'eg yihiin isbarbardhigidda waxaan kaga bilaabaynaa astiraha (godka) qiima-rugeedkiisu weyn yahay (taas oo ah ka dhinaca). Labada astiro (god) ee ku yaala dhinaca bidixda haddii ay isku mid noqdaan, Waxaan isbarbardhigaynaa. Labada astiro (god) ee ku yaala rugta ku xigta.

Tusaale

b Isbarbardhiga 5,294 iyo 6,245.

| Kunnaad | Boqlaad | Tobnaad | Koowaad |
|---------|---------|---------|---------|
| 5 | 2 | 9 | 4 |
| 6 | 2 | 4 | 5 |

$$5 < 6$$

$$5 < 6$$

Sidaas darteed $5,294 < 6,245$

f Isbarbardhiga 8,344 iyo 8,319.

| Kunnaad | Boqlaad | Tobnaad | Koowaad |
|---------|---------|---------|---------|
| 8 | 3 | 4 | 4 |
| 8 | 3 | 1 | 9 |

$$4 > 1$$

U fiirsada, $8 = 8$, sidoo kale $3 = 3$

Haseyeeshee $4 > 1$.

Sidaas darteed $8,344 > 8,319$

j Isbarbardhiga 9,341 iyo 9,346.

| Kunnaad | Boqlaad | Tobnaad | Koowaad |
|---------|---------|---------|---------|
| 9 | 3 | 4 | 6 |
| 9 | 3 | 4 | 1 |

$$6 > 1$$

Haseyeeshee $1 < 6$.

Sidaas darteed $9,341 < 9,346$

Laylis 18

Isbarbardhiga idinka oo labada tiro goobada dhexyaala ku buuxinaya calaamadaha '>' ama '<'.

1 $1,563 < 2,277$

2 $2,045 \bigcirc 962$

3 $1,567 \bigcirc 1,550$

4 $1,004 \bigcirc 1,025$

5 $9,524 \bigcirc 9,530$

6 $7,344 \bigcirc 7,255$

7 $3,205 \bigcirc 2,606$

8 $7,204 \bigcirc 6,204$

9 $3,591 \bigcirc 3,599$

10 $210 \bigcirc 2,010$

11 $5,011 \bigcirc 5,110$

12 $3,608 \bigcirc 3,609$

1.5.2 Horsanaanta

Tirooyinka idil si aan isku daba dhigno (ama isku daba taxno) anaga oo ka bilaabayna tirada yar ilaa ta weyn ama intaan ka bilawno ta weyn ilaa ta yar. Waa in aan laba laba inta an uqaadano an isbarbardhigna.

Tusaala

b Tirada yar ilaa ta weyn siday u kala horeeyaan u qora.

2,543, 1,741, 546, 2,581

f ta weyn inta ad kaga bilowdiin ilaa ta yar qora.

6,544, 341, 7,954, 6,540

Furfuris:

b Marka aan laba laba uqaadano oo aan isbarbar dhigno waxaan helaynaa sidan

$546 < 1,741 < 2,543 < 2,581$

Sidaas darteed marka horsanaan ta yar ilaa ta weyn loo qoro sidan ayay noqon

546, 1,741, 2,543, 2581

f Marka aan laba laba inta aan uqaadano aan isbarbardhigno dabadeed waxaan helaynaa.

$7,954 < 6,544 > 6,540 > 341$

Sidaas darteed marka horsanaan ta weyn ilaa ta yar loo qoro waa sidan

7,954, 6,544, 6,540, 341

Laylis 19

Ta yar ilaa ta weyn u qora

1 284, 36, 254, 844

2 894, 854, 84, 776, 770

3 644, 294, 576, 199, 648, 500

4 294, 765, 284, 755, 290

5 1,349, 1,905, 2,774, 1,309

6 3,544, 2,944, 3,634, 2009

Ta weyn kaga bilaaba oo ilaa ta yar qor.

7 180, 66, 254, 96

8 560, 790, 684, 794

9 350, 346, 634, 385, 945

10 7,500, 3941, 6,344, 7,854

11 2,009, 2,098, 2,980, 2,089

12 6,541, 5,641, 4,651, 6,451, 5,146