

ነዚ መጻሕፍ ግቡእ ዝኾነ ክንክንን ኣተሓሕዛን ይገበረሱ።



እዚ መጻሕፍ ንብረትን ሃፍቲን ቤት ትምህርትኹም ስለዝኾነ ንክደበላጽ፣ ንክደኻደድን ንክደጠፍስን ግቡእ ኣተሓሕዛ ገበረሱ።

ተምሃሮ እዚ መጻሕፍ እዚ ንሰነዳትኩም ምስተምሃሮኩምሉ ሳገሰገሱቱ ዘብቀሱን ዝደርበን እንተይኮነስ ሳሰርኩም ተኸቲሱም ዝመጹ ተምሃሮ እውን ክመሃሩሉን ክጥቀሙሉን ስለዝገባኹ፣ ሳገባብ ኣተሓሕዛ መጻሕፍ ደማ ካብኣትኩም ክመሃሩ ስለዘሰዎምን እዞም ዝሰሰቡ ሓበሬታታት ክተሰተውዕሉን ክትትገብሩን ይገባኹ።

- ✓ ኩሉገዘ ናብ ቤት ትምህርቲ መጻሕፍ ሒዝኩም ምምሃስ፣
- ✓ ሳብ ሸፍን ደኹን ሳብ ውሸጢ እዚ መጻሕፍ ዝኾነ ኃይነት ምስክት ወደ ሰሑፍ ዘደምግባርን ዘደምሰሓፍን፣
- ✓ ካብዚ መጻሕፍ ዝኾነ ገሰ ዘደምኻደድ፣
- ✓ እናተኻገባበሰኩም እንተትሰርሑ ግቡእ ጥንቃቻ ምግባር፣
- ✓ ሳብ ቦርሳ ደኹን ሳብ ሲድኩም እንተትሕዙ ክደኻደድን ክደሰጠፍን ምጥንቃቻ።



ኪሳብ

መፅሐፍ ተምሃራይ 1^ደ ክፍሊ

ፀሐፍቱ:

ካሳ ሚካኤል ወ/ዩኑስ
ዘነበ ደነቀ ዘረፉ
ኣሰም በዩነ በርሀ

ኤዲተራት: ሰሰሞን ሕሰፍ ንጉስ
ደስታ ገ/ህይወት ምራጭ



ሚኒስቴር ትምህርቱ ፌዴራላዊ ዲሞክራሲያዊ
ሪፐብሊክ ኢትዮጵያ



እዚ መልሳይ ንገገጃኸት ምምሕዳሽ ልጅየት ሓፊሻዊ ትምህርቲ (GEQIP) ተባሂሱ ብምትሕብባር ፊንድ መንግስታት ፊንሳንድ፣ ማሰዎን፣ ኔዘርላንድን እንግሊዝን ክምኡውን ስቓሕ ባንኪ ዓለም ቅጽል (IDA Credit No) 4535 — ET ብዝተረኸበ ዝተዋደደ ሓገዝ ብሚኒስቴር ትምህርቲ ፌዴራላዊ ዲሞክራሲያዊ ሪፐብሊክ ኢትዮጵያ ኅብ 2003 ዓ.ም ተሓተሙ።

© ብሚኒስቴር ትምህርቲ ፌዴራላዊ ዲሞክራሲያዊ ሪፐብሊክ ኢትዮጵያ ኅብ 2003 ዓ.ም (2011 ዓ.ም.ፈ) ተሓተሙ። መሰል ስትሙት ብሕገ ዝተሓሰወ እዩ። ኣቅጥሞ ብልሑፍ ዝተውሃበ ፍቓድ ሚኒስቴር ትምህርቲ ከንተዘዳህዎ ወደ ድማ ብመሰረት ነጋሪት ጋዜጣ ፌዴራላዊ ዲሞክራሲያዊ ሪፐብሊክ ኢትዮጵያ ኣዋጅ ቅጽል 410/2004 መሰረት ዝተውሃበ ሕጋዊ ኣፍልጦ (Copyright and Neighbouring Rights Protection) ከንተዘዳህዎ ካብዚ መልሳይ ዝተወሰነ ክፍል ወደ ድማ ብምሉእ ክበዛሕ፣ ክውሰድ፣ ብዝኸነ ዓዳነት ክመሓሰስ፣ ወደ ድማ ብኢሲክትሮኒክ መልክዕ ክቕዳሕ፣ ናብ ካሲኦ ግሰጋቡት ክውሰድ ወዘተ ኣይክሓሰን።

ሚኒስቴር ትምህርቲ ፌዴራላዊ ዲሞክራሲያዊ ሪፐብሊክ ኢትዮጵያ ኅብ ምድሳውን ስትሙትን እዚ መልሳይ ተምሃራዪ ክምኡውን ነዚ ስዒቡ ተዳሰዩን ተሓተሙን ዘሎ መምርሒ ንመምህር ብቅጥታ ደኹን ብተዘዋዋሪ መንገዲ ኣበርክቶ ንዝገበሩ ውስቀሰባት፣ ጉጅታትን ዝተፈሳሰዩ ትካሳትን ብምሉእም ኣዝዩ ዝሰዓሰ ምስጋና ዮቕርብ።

ኣስምርኣዊ ሃፍቲን ንብረትን ብሰናዶ ፍቓድ ሰብ ዋና ዝተውሃበ እዩ። ዝኸነ ደኹን በዓል ዋና ኣስምርኣዊ ሃፍቲን ንብረትን እዚ መልሳይ እዩ ዝብል ሰብ ብግቡኡ ከንተዘደተሓቢሩን ከንተዘደተወቅሩን ኣብ ከተማ ኣዲስ ኣበባ ፍሱዶ መፀውዒ ሸሙ ኣራት ኪሎ ኣብ ዝበሃል ቦታ ንዝርከብ ዋና ቤት ስሕፈት ሚኒስቴር ትምህርቲ (ቅጽ.ሓ.መ 1367) ክገልጹ ክምዝገባሕ ብኸብሩ ንገልጹ።

ምድሳው፣ ምስገዳእን ስትሙትን እዚ መልሳይ
STAR EDUCATIONAL BOOKS DISTRIBUTORS Pvt. Ltd.
24/4800, Bharat Ram Road, Daryaganj,
New Delhi – 110002, INDIA
ክምኡውን
ASTER NEGA PUBLISHING ENTERPRISE
P.O. Box 21073
ADDIS ABABA, ETHIOPIA

ምስ ንገገጃኸት ምምሕዳሽ ልጅየት ሓፊሻዊ ትምህርቲ (GEQIP) ዝተሓሰደ ውህሲ ቅጽል
ET—MoE/GEQIP/IDA/ICB/G-07/09A
ISBN 978-99944-2-168-8

ትሕዝቶ

ምዕራፍ ሓደ መቼፀሪ ቁፅርታት ክሳብ 9

- 1.1. መቼፀሪ ቁፅርታት ካብ 1 ክሳብ 5ን ቕደም ሰዓቦምን 1
- 1.2. መቼፀሪ ቁፅርታት ካብ 6 ክሳብ 9ን ቕደም ሰዓቦምን 11

ምዕራፍ ክልተ ምድማርን ምጉዳልን ክሳብ 9

- 2.1. ምድማር ክሳብ 9 18
- 2.2. ምጉዳል ክሳብ 9 25
- 2.3. ምድማር ሰለስተ ተደመርቲ /ድማርም ካብ 9 ዘይበልፅ/ 31

ምዕራፍ ሰለስተ መሉእ ቁፅርታት ካብ 0 ክሳብ 20

- 3.1 ቁፅሪ "0" 34
- 3.2. መሉእ ቁፅርታት ካብ 0 ክሳብ 20ን ቕደም ሰዓቦምን 37
- 3.3. ስርዓት ዋጋ ዓድታት 41

ምዕራፍ ኣርባዕተ ምድማርን ምጉዳልን ክሳብ 20

- 4.1 ምድማር መሉእ ቁፅርታት ክሳብ 20
ድማርም ካብ 20 ዘይበልፅ/ 43
- 4.2. ምጉዳል መሉእ ቁፅርታት ክሳብ 20 51
- 4.3. ቃል ግድላት ኣብ ምድማርን ምጉዳልን 53

ምዕራፍ ሓመሽተ ባህላዊ መዐቀንታት

- 5.1. መዐቀንታት ንውሓት 55
- 5.2. መዐቀንታት ትሕዝቶ 57
- 5.3 መዐቀንታት ክብደት 59

ምዕራፍ ሸዱሽተ ጉዚታት

- 6.1. ፍርቂታት 62
- 6.2. ርባዓት 64

ምዕራፍ ሸውዓተ ምርጫን ምምቃልን ክሳብ 20

7.1. ብ2 ምርጫ ክሳብ 20.....	66
7.2. ብዘይተረፍ ን2 ምምቃል.....	77

ምዕራፍ ሸምንተ መስመርን ቀለልቲ ቅርፅታትን

8.1. ቅነ-ፅን ልዋይን መስመር.....	81
8.2 ቀለልቲ ቅርፅታት.....	85

ምዕራፍ ትሽዓተ ሙሉእ ቁፅርታት ክሳብ 100

9.1. ርግሕ 10 ክሳብ 100.....	90
9.2. ሙሉእ ቁፅርታት ካብ 21 ክሳብ 100.....	96
9.3. ችደም ሰዓብ ሙሉእ ቁፅርታት ክሳብ 100.....	98
9.4. ስርዓተ ዋጋ ዓዲታት ክሳብ 100	102

ምዕራፍ ዓሰርተ ገንዘብ ኢትዮጵያ

10.1. ሳንቲምን ብርን ኢትዮጵያ	103
10.2. ርክብ ሳንቲምን ብርን.....	104

ምዕራፍ ዓሰርተ ሓደ ግዘ

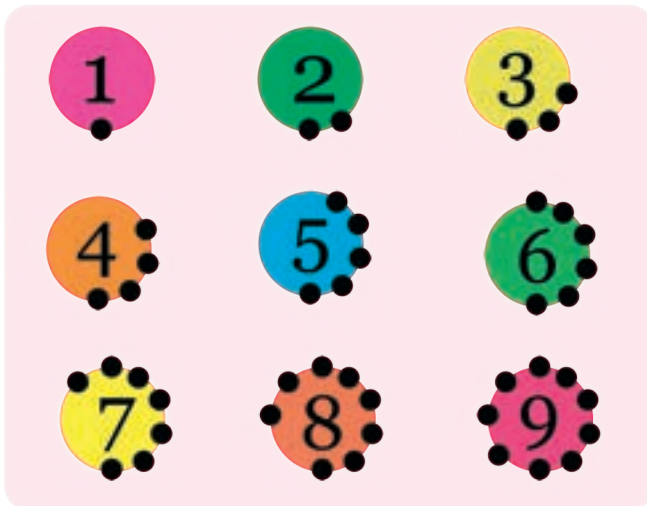
11.1 ኣብ መዓልቲ ዘሎ ግዘ	108
11.2 ኣብ ሰሙን ዘለዉ መዓልቲታት	110

ምዕራፍ ዓሰርተ ኸልተ ኣተሓሕዛን ክይዲ ስርዓትን መረዳኢታ

12.1 ቀለልቲ ስእላዊ ግራፋት	111
12.2 ቀለል ክይዲ ስርዓት መረዳኢታ ኣብ ሓሳብ	114

ምዕራፍ ሓዲ

መቼፀሪ ቁፅርታት ክሳብ 9



1.1. መቼፀሪ ቁፅርታት ካብ 1 ክሳብ 5ን ቕደም ሰዓቦምን

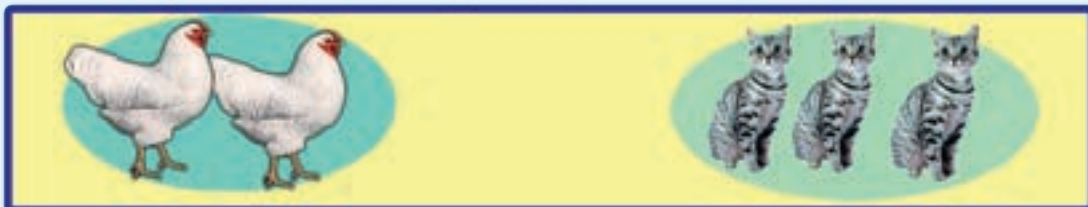
ንጥፈት 1 (ብጉጅለ) ሕድሕድ እንስሳ በቢዓይነቶም ፍለዩ::



መልመዳ 1 ሀ) ኣባጊዕ ዶ ኣኽልብቲ ይበዝሑ?

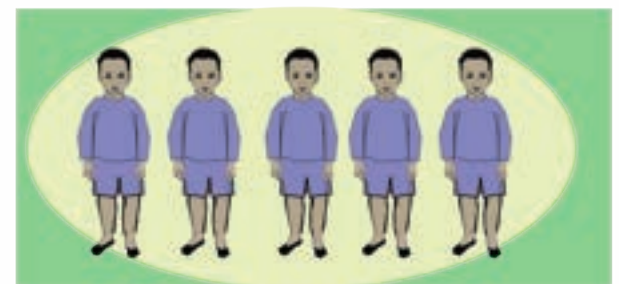
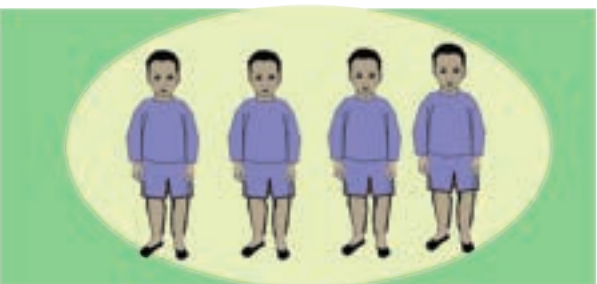
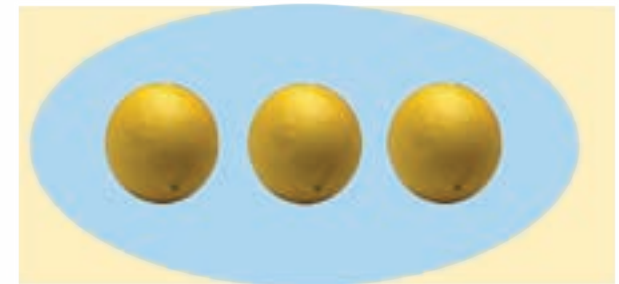
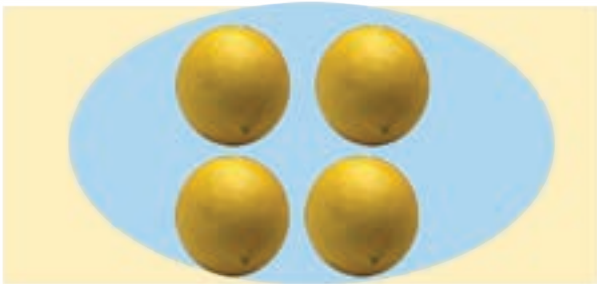
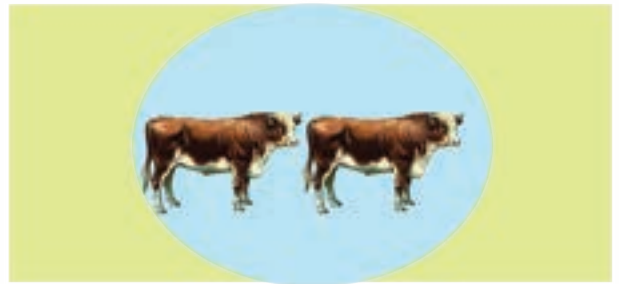


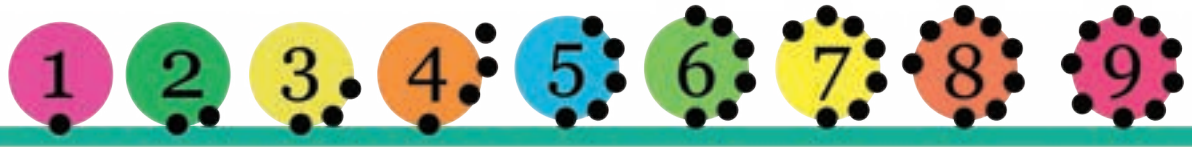
ለ) ደርሁ ዶ ደማሙ ይውሕዳ?





ንጥራት 2 ይበዝሕ፣ ይውሕድ፣ ወይ ማዕረ ብምባል አወዳድሩ።





ንጥረት 3 ዓው ኢልኩም ካብ 1 ክሳብ 5 ዘለዉ ቁፅርታት ፀውዑ።



ንጥረት 4 ካብ 1 ክሳብ 5 ኣዓብዕትኹም ቁፀሩ።

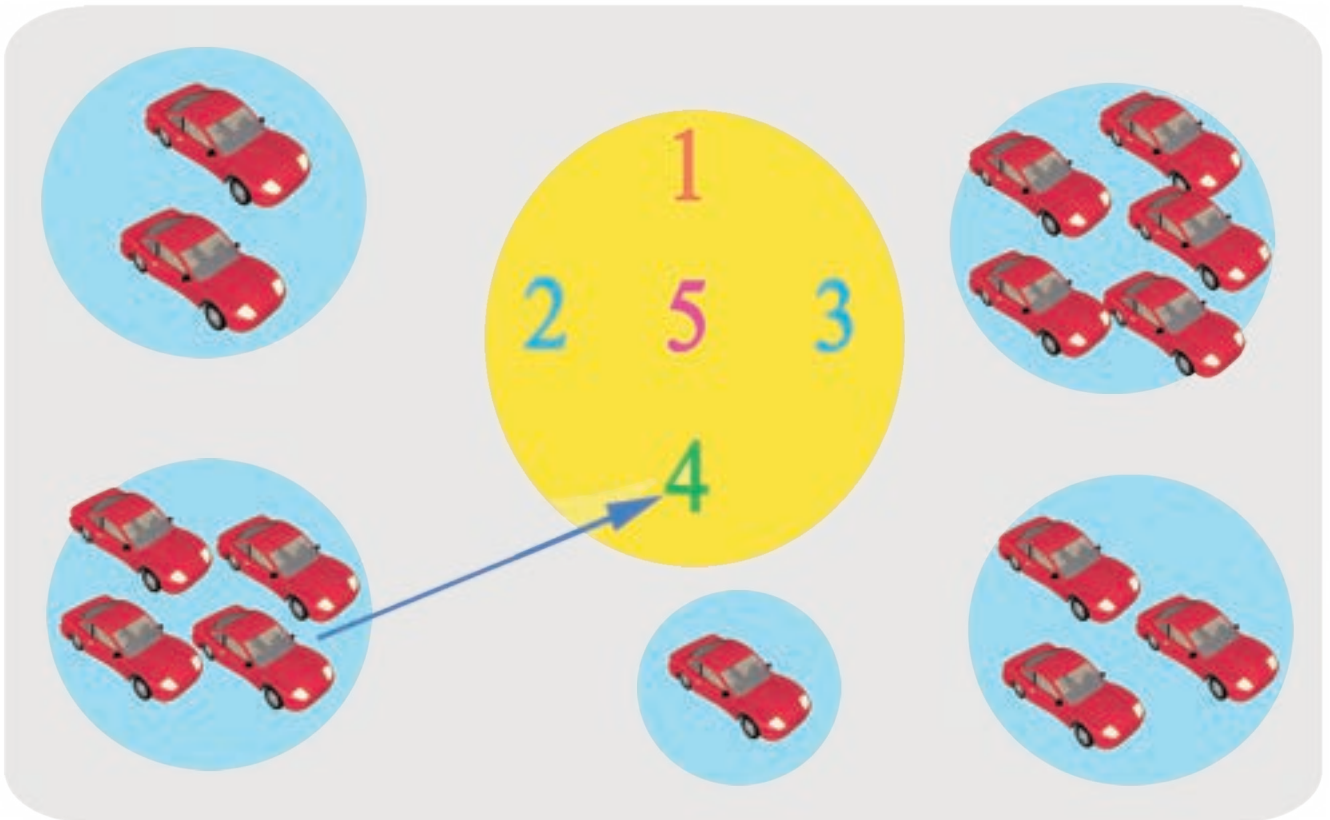




ንጥራት 5 (ኣብ ክፍለ ዝስራሕ ዕዮ) ንዝተውሃቡ ቁፅርታት ብዛዕሳልን ብባሊቃን ግለፁ።

	1	2	3	4	5

መለመዳ 2 ስእሲ ምስ ቁፅሪ ኣዛምዱ።





መልመዴ 3 አዛምዶ።

መልመዴ 4 ቁፅሪ ምስ በዝሒ እግሪ አዛምዶ።








መልመዲ 5 ነዞም ሕንፃፃፃት ደጋጊምኩም ዕሓፉ።

/	/	/	/	/	/	/	/	/	/
((((((((((
))))))))))

መልመዲ 6 አድማቸኩም ዕሓፉ።

1	1	1	1					
2	2	2	2					
3	3	3	3					
4	4	4	4					
5	5	5	5					

መልመዲ 7 በዝሒ ፍረታት በ-ን ደጋጊምኩም ዕሓፉ።

	1	1	1	_____	_____
	2	_____	_____	_____	_____
	3	_____	_____	_____	_____
	4	_____	_____	_____	_____
	5	_____	_____	_____	_____

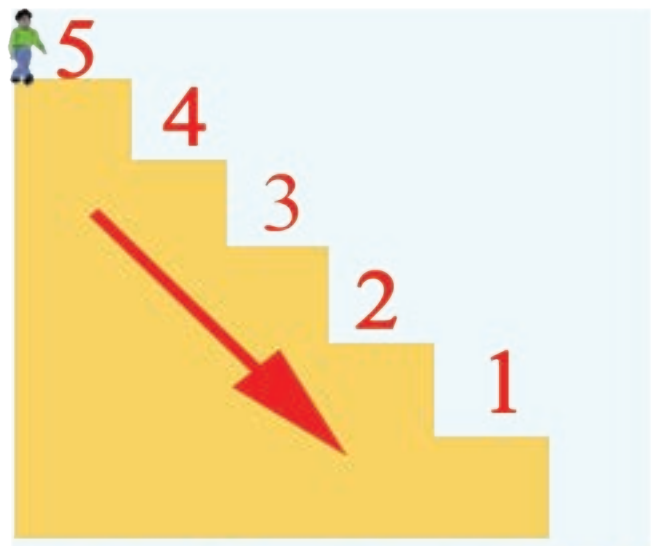
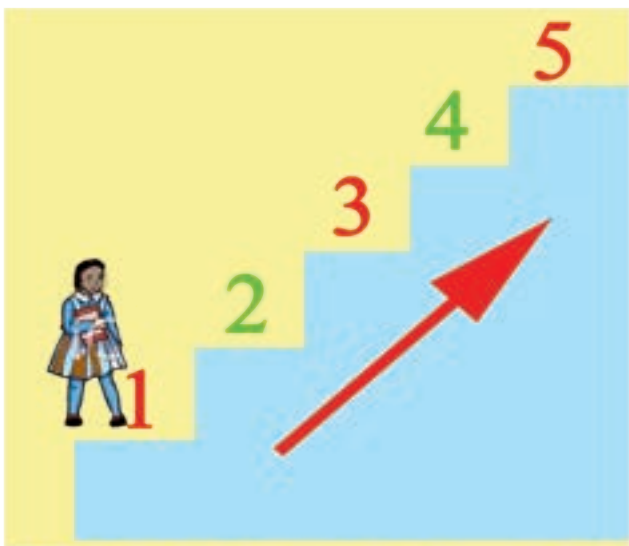


መለመዱ 8 በዝሐ ስእሊ ዕሓፉ።

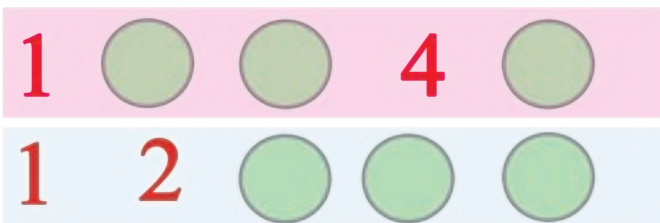


ንጥራት 6 ሀ. ደረጃ ብምድያብ ቁፀሩ።

ለ. ካብ ደረጃ ብምውራድ ቁፀሩ።

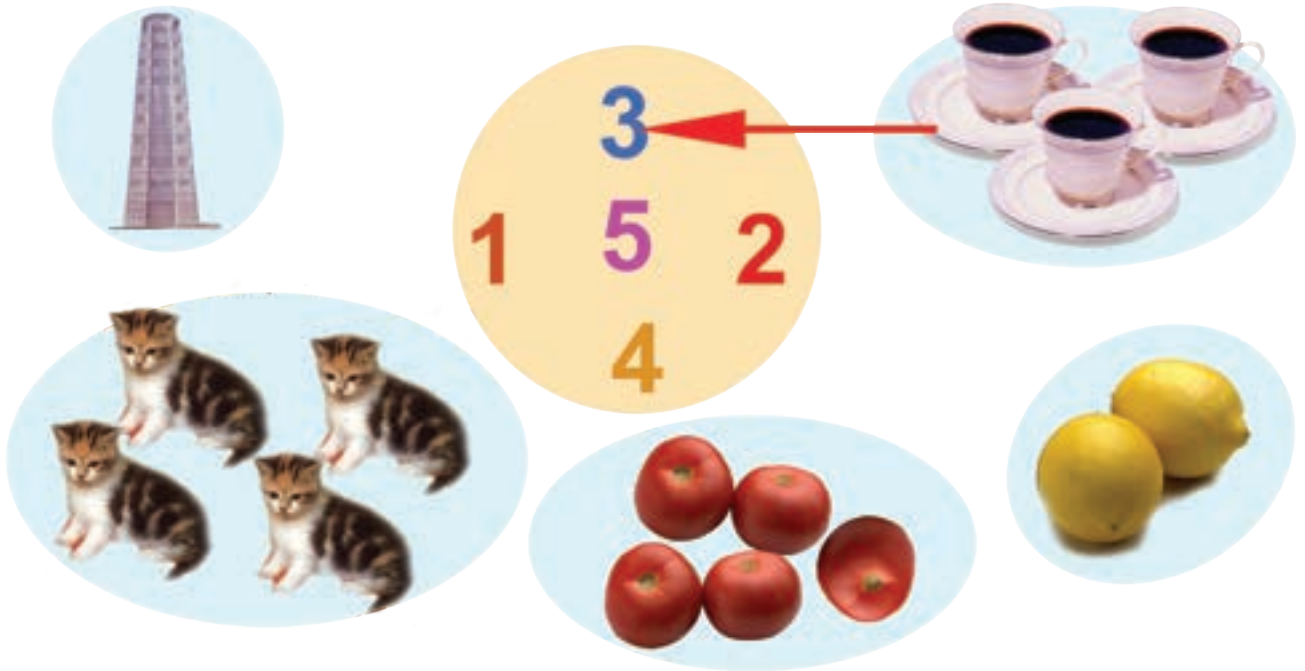


መለመዱ 9 ብቕደም ሰዓብ ዕሓፉ።

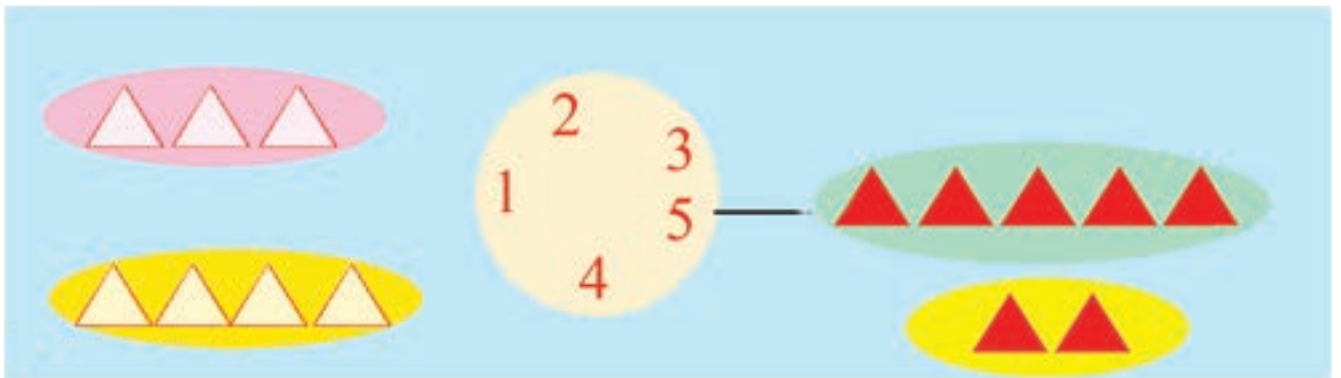




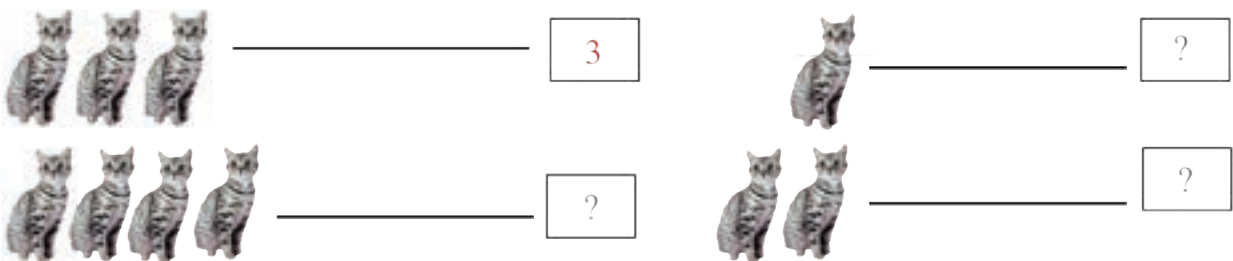
መልመዴ 10 ስእሊ ምስ ቁፅሪ ኣዛምዱ።



ንጥራት 7 ሕብረ ብምልካይ ስእሊ ምስ ቁፅሪ ኣዛምዱ ።



መልመዴ 11 በዝሒ ስእሊ ኣብ ሳንዱቕ ዕሓፉ።





ንጥረት 8 በዝሐም አወዳድሩ ::





ንጥረት 9 እናቆጠርኩም አወዳድሩ::







መልመዳ 12



ብምጥቃም አወዳድሩ ::

		>		
		?		

መልመዳ 13



ብምጥቃም አወዳድሩ ::

4 > 3	2 ? 1	2 ? 2
4 ? 4	5 ? 5	5 ? 1
2 ? 5	1 ? 4	3 ? 5

መልመዳ 14 ዝነደለ ቁፅሪ ፅሓፉ ::

5	4	3	?	1
?	4	3	2	?

5	4	?	?	?
5	?	?	?	1



1.2. መቼፀሪ ቁፅርታት ካብ 6 ክሳብ 9ን ንቕደም ሰዓቦምን

ንጥራት 10 ዓው ኢልኩም ቁፀኑ::

	6		
	7		
	8		
	9		

መልመዳ 15 ኣዛምዱ::

መልመዳ 16 በዝሓም ኣኽብቡ::



መልመዳ 17 አድማቸውን ፅሁፍ::

6	6	6	6					
7	7	7	7					
8	8	8	8					
9	9	9	9					

መልመዳ 18 ብስሌሊ ግለፁ::

6 ● ● ● ● ● ●

7 _____

8 _____

9 _____

ንጥራት 11 ዝጎደለ ቁፅራ ፅሁፍ::

1	2	3	?	?	?	7	?	?
1	?	3	?	5	?	?	?	9
1	?	?	?	?	6	7	?	?
?	2	?	4	?	?	?	?	9



መልመዳ 19 ስዓባይ ቁፅሪ ዕሓፉ።

5 → <input type="text"/>	4 → <input type="text"/>	3 → <input type="text"/>
3 → <input type="text"/>	6 → <input type="text"/>	7 → <input type="text"/>
6 → <input type="text"/>	1 → <input type="text"/>	2 → <input type="text"/>



ንጥራት 12 አንብቡ።

9 8 7 6 5 4 3 2 1

መልመዳ 20 ቀዳማይ ቁፅሪ ዕሓፉ።

<input type="text"/> 8 → <input type="text"/> 9	<input type="text"/> ? → 6	<input type="text"/> ? → 2
<input type="text"/> ? → 6	<input type="text"/> ? → 8	<input type="text"/> ? → 7

መልመዳ 21 በዝሐም ዕሓፉ።

 → <input type="text"/>	 → <input type="text"/>
--	---



ንጥራት 13 ምልክት > ; < ; = ብምጥቃም ኣወዳድሩ።

Comparison exercises using trees and people:

- 5 trees > 2 trees
- 5 trees ? 7 trees
- 9 trees ? 8 trees
- 8 women ? 6 women

መልመዳ 22 ኣወዳድሩ።

Comparison exercises using numbers:

- 9 > 6
- 5 ? 8
- 3 ? 8
- 8 ? 9
- 7 ? 4
- 8 ? 3
- 6 ? 1
- 9 ? 8



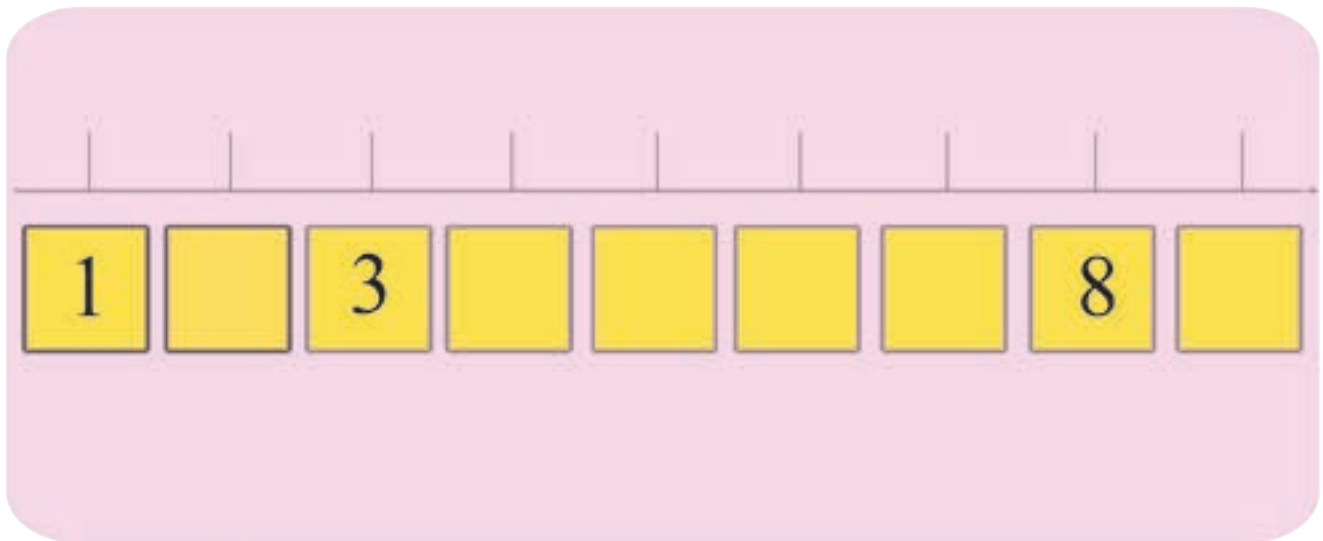
ንጥራት 14 ሀ. በዝሐ አፃብዕትን ነጠብጣብን አዛምዱ።

ለ. በዝሐ ሕድሕድ ዓይነት ስእሊ ዕሓፉ



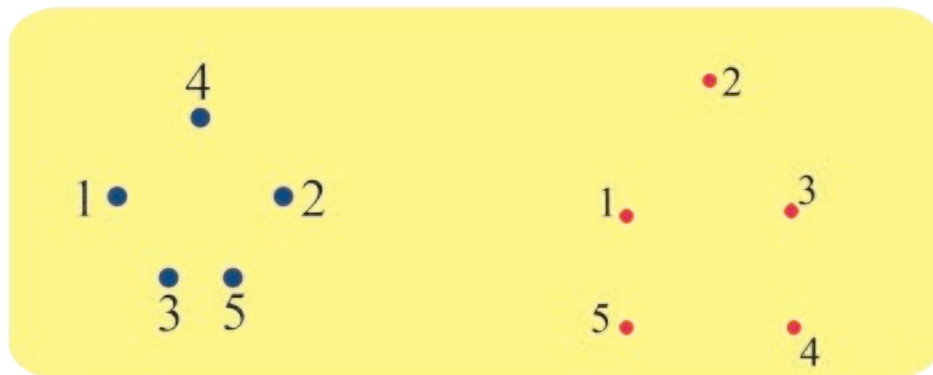
ንጥራት 15

ዝጎደሉ ቁፅርታት ምልኡ።



ንጥራት - 16

ንኹሎም ነጥብታት ብቕደም ሰዓብ ኣራኽቡ።



ምዕራፍ ክልተ

ምድማርን ምጉዳልን ክሳብ 9

$+$ $-$ $=$
 $2 + 5 = 7$
 $7 - 2 = 5$

2.1. ምድማር ክሳብ 9

ካብ 1 ክሳብ 5 ዘለዉ መቐፀሪ ቁፅርታት ምድማር

ንጥራት 1 በዝሓም ፅሓፉ።



2



?



?



?

ንጥራት 2 ብምቐፃር ደምሩ።

2 + 1 = 3
 3 + 2 = ?

$2 + 1 = 3$
 $3 + 2 = 5$

2 + 1 = ?
 ? + ? = ?

$2 + 1 = ?$
 $? + ? = 5$

0

1

2

3

4

5

6

7

8










9

+











-

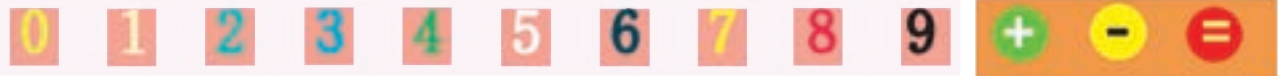
=

መልመዳ 1 ደምፍ።

	+		=		$1 + 2 =$ <input type="text" value="?"/>
	+		=	<input type="text" value="?"/>	$3 + 1 =$ <input type="text" value="?"/>
	+		=	<input type="text" value="?"/>	$1 + 4 =$ <input type="text" value="?"/>
	+		=	<input type="text" value="?"/>	$2 + 3 =$ <input type="text" value="?"/>

መልመዳ 2 ደምፍ።

	+		=		$2 + 1 = 3$
<input type="text" value="2"/>	+	<input type="text" value="1"/>	=	<input type="text" value="3"/>	
	+		=		$3 + 2 =$ <input type="text" value="?"/>
<input type="text" value="3"/>	+	<input type="text" value="2"/>	=	<input type="text" value="?"/>	
	+	<input type="text" value="?"/>	=		$2 +$ <input type="text" value="?"/> $= 4$
<input type="text" value="?"/>	+	<input type="text" value="?"/>	=	<input type="text" value="?"/>	
	+		=	<input type="text" value="?"/>	$3 + 1 =$ <input type="text" value="?"/>
<input type="text" value="?"/>	+	<input type="text" value="?"/>	=	<input type="text" value="?"/>	



ንጥራት 3 ብምቕጻር ደምሩ።

$2 + 1 = \square$

$1 + 2 = 3$

$1 + 2 = 3$

$[\] + [\] = [\]$

$1 + 4 = \square$

$4 + 1 = \square$

$2 + 3 = \square$

$3 + 2 = \square$

መልመዳ 3 ደምሩ።

$1 + 3 = \square$

$2 + 1 = \square$

$1 + 4 = \square$

$3 + 1 = \square$

$1 + 2 = \square$

$4 + 1 = \square$

ንጥረት 4 አፃብዕትኹም እናቆጠርኩም ባዶ ቦታ ምልክቱ።

መልመዳ 4 አፃብዕትኹም ብምጥቃም ደምሩ።

- 5 + 1 =
- 5 + 3 =
- 5 + 4 =
- 4 + 5 =
- 3 + 5 =



ንጥራት 5 ብምቅጻር ብትኹል ደምሩ።

መልመዳ 5 ሕንፃፃት ብምጥቃም ብትኹል ደምሩ።

መልመዲ 6 ደምፋ።

$4 + 3 = 7$	1 2 3 4 5 6 7 8 9
$2 + 5 =$ <input style="width: 40px;" type="text" value="?"/>	1 2 3 4 5 6 7 8 9
$5 + 3 =$ <input style="width: 40px;" type="text" value="?"/>	1 2 3 4 5 6 7 8 9
$6 + 2 =$ <input style="width: 40px;" type="text" value="?"/>	1 2 3 4 5 6 7 8 9

ንጥራት 6

ነቲ ሚዛን ብኸመይ ማዕረ ምግባር ይክእል?

$2 + ? = 8$

መልመዲ 7 ቃል ግድላት

ሀ.

አበበ አልማዝ

ለ.

ንጥራት 7 ብምቐፃር ደምሩ።

2 + = 6

3 + = 8

5 + = 9

መልመዴ 8 ተደላዩ ቀፅሪ ምልክ።

ድምር 5		
1	+	4
2	+	?
3	+	?
4	+	?

ድምር 7		
1	+	6
2	+	?
?	+	4
4	+	?

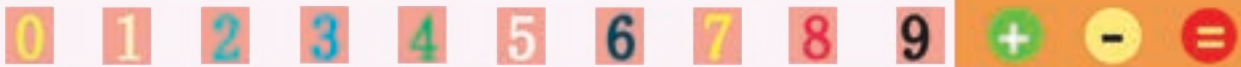
ድምር 9		
1	+	8
2	+	?
3	+	?
?	+	4

መልመዴ 9 ዝጎደለ ቀፅሪ ምልክ።

ሀ.

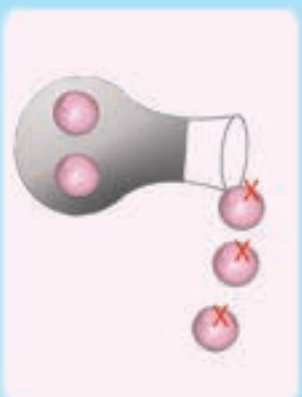
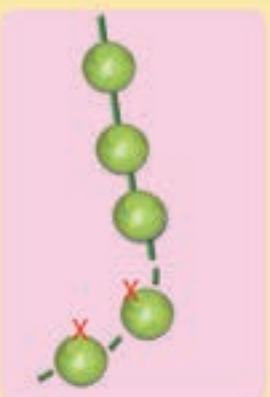
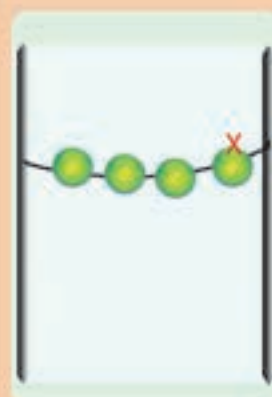
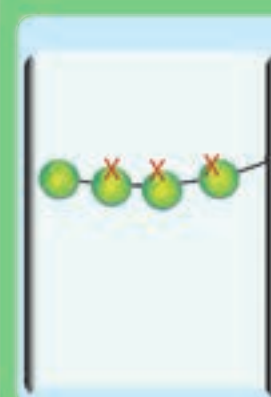
ለ.

ሐ.







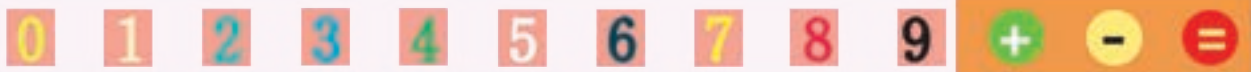
2.2. ምጉዳል ክሳብ 9

ንጥራት 8 ዋጋ ሳንዱቅ ክንደይ እዩ?


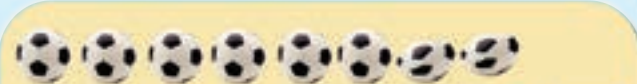


 <p>$5 - 3 = \boxed{2}$</p>	 <p>$5 - 2 = \boxed{}$</p>	 <p>$4 - 1 = \boxed{}$</p>	 <p>$4 - 3 = \boxed{}$</p>
---	---	--	---

መልመዳ 10 ዋጋ ሳንዱቅ ክንደይ እዩ?







 <p>$5 - 3 = \boxed{}$</p>	 <p>$5 - 4 = \boxed{}$</p>
 <p>$4 - 2 = \boxed{}$</p>	 <p>$2 - 1 = \boxed{}$</p>



ንጥራት 9 ዋጋ ሳንዱቅ አስፍሩ

 $7 - 2 = \square$	 $\square - \square = \square$
 $\square - \square = \square$	 $\square - \square = \square$

መልመዴ 11 ብትኹል አገድሉ።

 $\begin{array}{r} 8 \\ -5 \\ \hline \square \end{array}$	 $\begin{array}{r} 7 \\ -4 \\ \hline \square \end{array}$
 $\begin{array}{r} 9 \\ -5 \\ \hline \square \end{array}$	 $\begin{array}{r} 6 \\ -3 \\ \hline \square \end{array}$
 $\begin{array}{r} 7 \\ -2 \\ \hline \square \end{array}$	 $\begin{array}{r} 8 \\ -3 \\ \hline \square \end{array}$

መልመዳ 12 ሀ. በዝሐ ዝተረፉ ዕምብላላዓት ድለዩ።

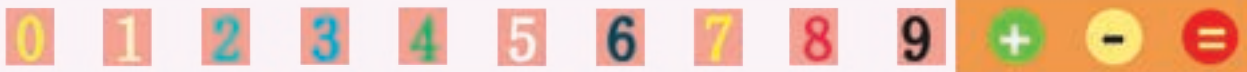
$3 - 1 = \boxed{?}$	
$4 - 3 = \boxed{?}$	
$5 - 4 = \boxed{?}$	
$5 - 2 = \boxed{?}$	

ለ. በዝሐ ዝተረፉ ዕንጾይቲ ክርቢት ድለዩ።

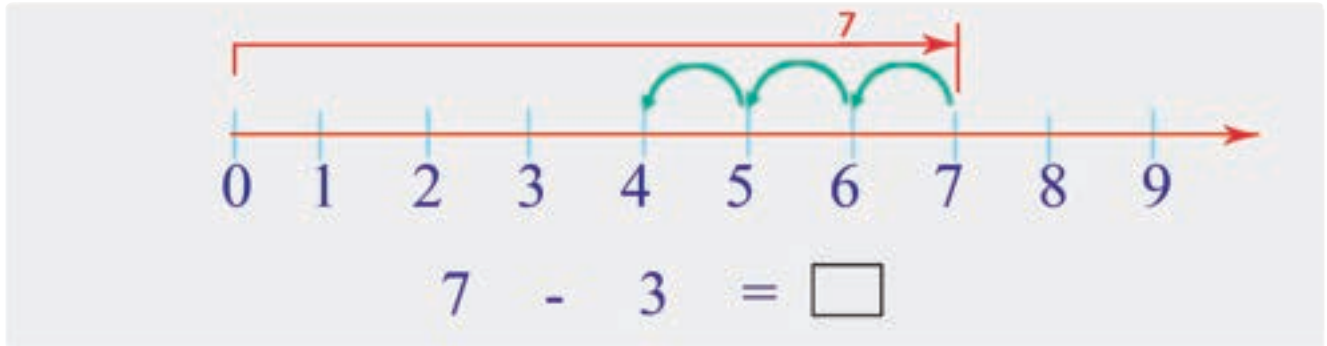
$6 - 5 = \boxed{?}$	
$7 - 2 = \boxed{?}$	
$9 - 2 = \boxed{?}$	

መልመዳ 13 ክንደይ መካይን ተሪፊን?

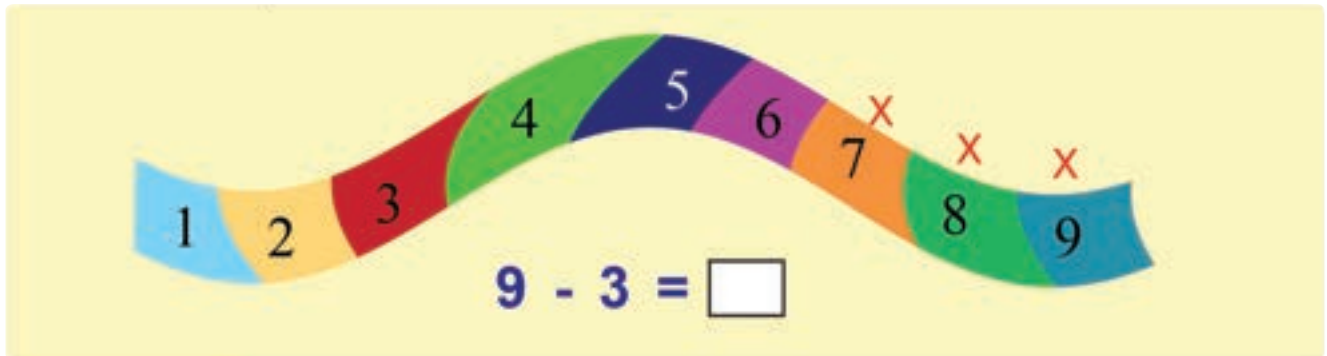
	9
	$9 - 1 = \boxed{8}$
	$9 - 2 = \boxed{}$
	$9 - 3 = \boxed{}$
	$9 - 4 = \boxed{}$
	$9 - 5 = \boxed{}$
	$9 - 6 = \boxed{}$
	$9 - 7 = \boxed{}$
	$9 - 8 = \boxed{}$



ንጥራት 10 ሀ) ሕንፃዕ ቁፅሪ ብምጥቃም ኣገድሱ።



ለ) ሰደቓ ቁፅሪ ብምጥቃም ኣገድሱ።



መልመዳ 14 ብጋድም ኣገድሱ።

$9 - 4 = \square$	$8 - 4 = \square$	$8 - 2 = \square$
$7 - 5 = \square$	$9 - 6 = \square$	$9 - 1 = \square$
$6 - 4 = \square$	$7 - 6 = \square$	$8 - 6 = \square$

መልመዳ 15 ብትኹል ኣገድሱ።

$\begin{array}{r} 9 \\ - 6 \\ \hline \hline \end{array}$	$\begin{array}{r} 5 \\ - 1 \\ \hline \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \hline \end{array}$	$\begin{array}{r} 9 \\ - 8 \\ \hline \hline \end{array}$	$\begin{array}{r} 6 \\ - 4 \\ \hline \hline \end{array}$
$\begin{array}{r} 8 \\ - 4 \\ \hline \hline \end{array}$	$\begin{array}{r} 9 \\ - 2 \\ \hline \hline \end{array}$	$\begin{array}{r} 7 \\ - 5 \\ \hline \hline \end{array}$	$\begin{array}{r} 6 \\ - 3 \\ \hline \hline \end{array}$	$\begin{array}{r} 8 \\ - 6 \\ \hline \hline \end{array}$

መልመዳ 16 ምጉዳል ብምድማር፣ ምድማር ብምጉዳል ግለፁ።



$$8 - 6 = 2$$

$$8 - 2 = 6$$

$$2 + 6 = \boxed{?}$$



$$9 - \boxed{?} = 5$$

$$9 - \boxed{?} = 4$$

$$4 + 5 = \boxed{?}$$



$$7 - 3 = 4$$

$$7 - \boxed{?} = 3$$

$$3 + 4 = \boxed{?}$$



$$9 - 6 = \boxed{?}$$

$$9 - \boxed{?} = 6$$

$$3 + 6 = \boxed{?}$$

$$2 + 5 = \boxed{?}$$

$$7 - 2 = \boxed{?}$$

$$7 - 5 = \boxed{?}$$

$$3 + 5 = \boxed{?}$$

$$8 - 3 = \boxed{?}$$

$$8 - 5 = \boxed{?}$$

$$4 + 5 = \boxed{?}$$

$$9 - 4 = \boxed{?}$$

$$9 - 5 = \boxed{?}$$

መልመዳ 17 ዋጋ ሳንዳቸ ድለዩ።

8 - 2 = ?

7 - 4 = ?

? - 4 = 3

? - 5 = 4

2.3. ምድማር ስለስተ ተደመርቲ/ድማሮም ካብ 9 ዘይበልፅ/

ንጥፊት 11 ብምቕጻር ደምሩ።

3 + 1 + 2 =

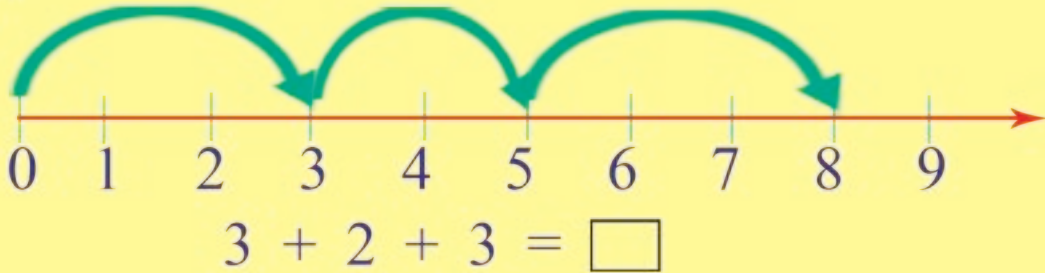
2 + + =

መልመዲ 18 ደምሩ።

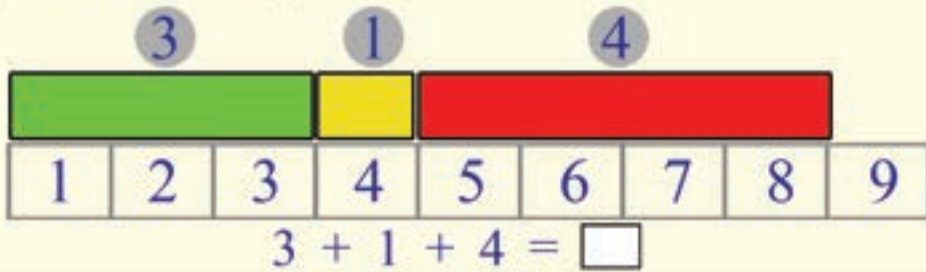
<p>1+2+3= <input style="width: 50px; height: 30px;" type="text"/></p> <p>2+3+4= <input style="width: 50px; height: 30px;" type="text"/></p> <p>1+3+5= <input style="width: 50px; height: 30px;" type="text"/></p> <p>1+1+1= <input style="width: 50px; height: 30px;" type="text"/></p> <p>3+3+3= <input style="width: 50px; height: 30px;" type="text"/></p>	<p>2+4+1= <input style="width: 50px; height: 30px;" type="text"/></p> <p>1+1+7= <input style="width: 50px; height: 30px;" type="text"/></p> <p>2+3+1= <input style="width: 50px; height: 30px;" type="text"/></p> <p>1+2+6= <input style="width: 50px; height: 30px;" type="text"/></p> <p>5+1+1= <input style="width: 50px; height: 30px;" type="text"/></p>
---	---

ንጥራት 12

ሀ. ሕንፃ ቁፅሪ ብምጥቃም ደምሩ።
18



ለ. ሰደቻ ቁፅሪ ብምጥቃም ደምሩ።



ንጥራት 13

ብስለስተ ተደመርቲ ግለፁ።



9



መልመዲ 19

ብስለስተ ተደመርቲ ቁፅርታት ግለፁ።

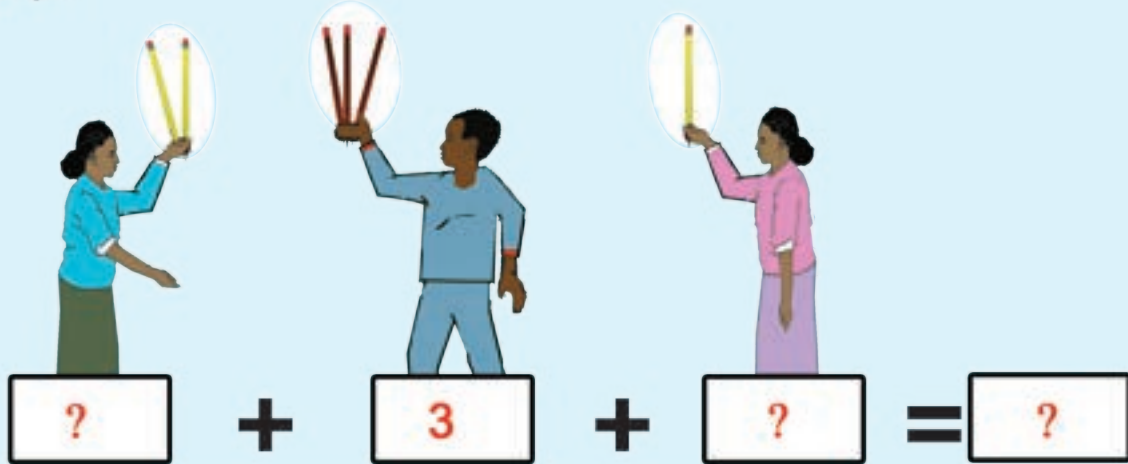
□ + □ + □ = 9

□ + □ + □ = 9

□ + □ + □ = 9

መልመዴ 20

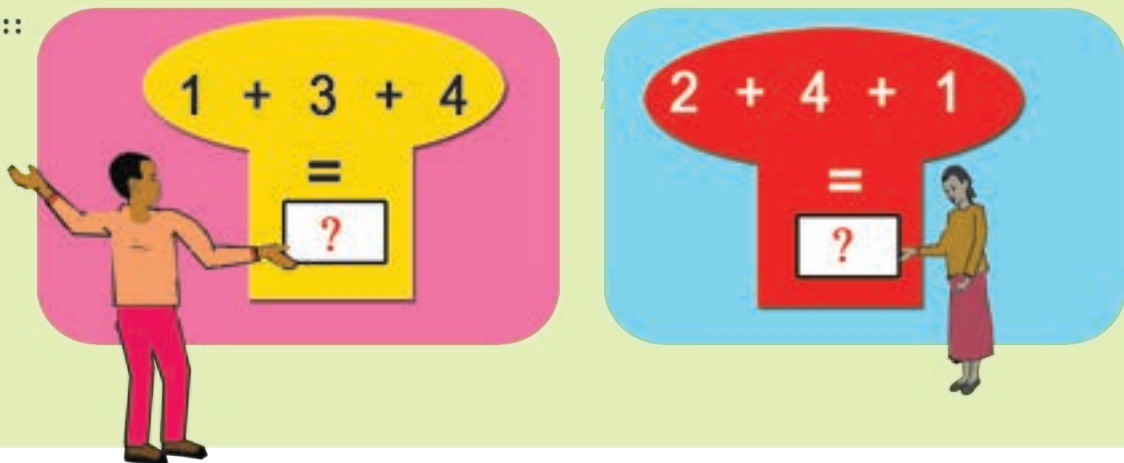
1. ደምሩ።



2. ዝንደሉ ምልኩ።



3. ደምሩ።



ምዕራፍ ሰለስተ

ሙሉ እ ቁፅርታት ካብ 0 ክሳብ 20

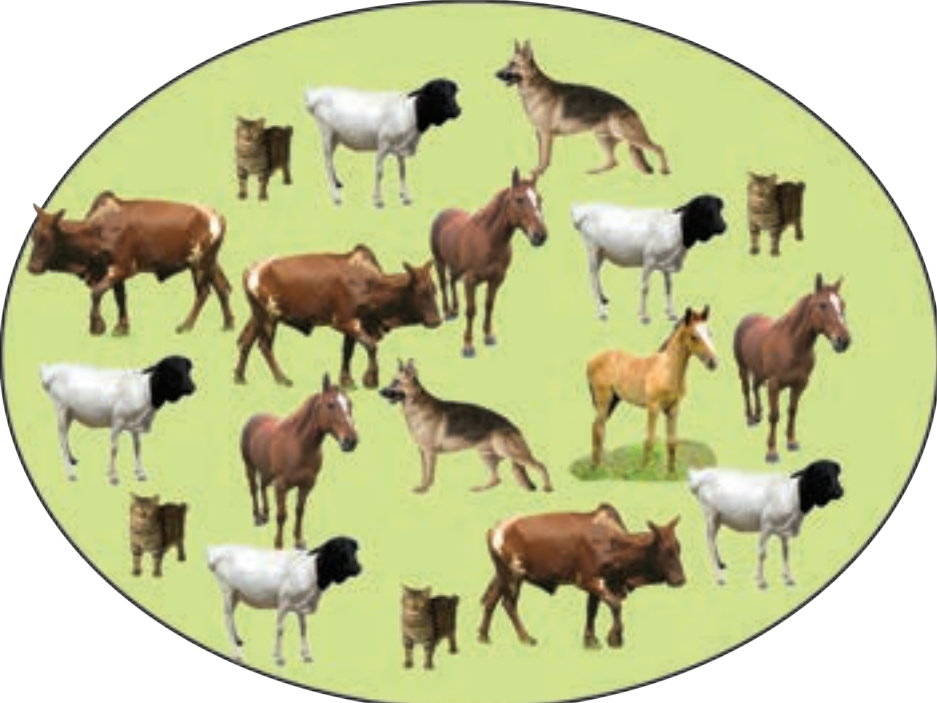








0	1	2	3	4	5
6	7	8	9	10	
11	12	13	14	15	
16	17	18	19	20	

ንጥፈት 1

ሀ. ኣብ ሕድሕድ እም ክንደይ ኣዕዋፍ ኣለዎ?

 3	 ?	 1	 ?
---	---	--	---

ለ. በዝሒ ሕድሕድ ዓይነት እንስሳ ፅሓፉ።

	 2
	 4
	 ?
	 ?
	 ?
	 ?
	 ?
	 ?



ንጥራት 2 ዋጋ ሕድሕድ አቅጣ ድለዩ።

$6 - 1 = 5$

$6 - 2 = \boxed{?}$

$6 - 0 = \boxed{?}$

$6 + 1 = \boxed{?}$

$6 + 3 = \boxed{?}$

$6 + 0 = \boxed{?}$

11

12

13

14

15

16

17

18

19









20

መልመዳ 1 ካብ ዝነኣሱ ናብ ዝዓበየ ኣቐምጡ።


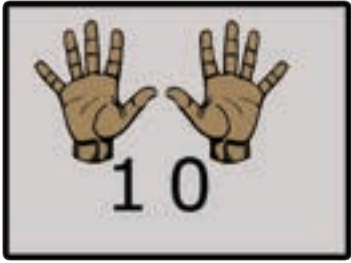


3.2. መላክ ቁፅርታት ካብ 0 ክሳብ 20ን ንቅደም ሰዓቦምን











ንጥፊት 3 ዋጋ ሳንዱኽ ድለዩ።

$1 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$2 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$3 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$4 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$5 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$6 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$7 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	
$8 + 1 =$	<input style="border: 1px solid red; width: 30px; height: 20px; display: inline-block; vertical-align: middle;" type="text" value="?"/>	

9 + 1 = 10

ንጥፊት 4 ዋጋ ሳንዱኽ ድለዩ።

		$10 + 1 =$	<input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="11"/>
		$10 +$	<input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="?"/> $=$ <input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="12"/>
		$10 +$	<input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="?"/> $=$ <input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="13"/>
		$10 +$	<input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="?"/> $=$ <input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="14"/>
		$10 +$	<input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="?"/> $=$ <input style="border: 1px solid red; width: 40px; height: 25px; display: inline-block; vertical-align: middle;" type="text" value="15"/>

11

12

13

14

15

16

17

18











19

20

መልመዳ 2 ዝሰደለ ፅሓፊ፡፡

1	2	?	4	5
6	7	?	9	?
11	12	?	14	?

ንጥፈት 5 ብምቕጻር ዝሰደለ ምልክ፡፡

		$10 + \boxed{?} = \boxed{16}$
		$10 + \boxed{?} = \boxed{17}$
		$10 + \boxed{?} = \boxed{18}$
		$10 + \boxed{?} = \boxed{19}$
		$10 + 10 = \boxed{20}$

መልመዳ 3 ዝሰደለ ፅሓፊ፡፡

1	2	3	?	?	?	7	?	9	?
11	?	?	14	15	?	?	?	19	?



መልመዳ 4 ቀዳማይ ቁፅሪ ዕሓፉ።

መልመዳ 5 ሰዓባይ ቁፅሪ ዕሓፉ።

<table style="width: 100%; border: 1px solid black;"> <tr><td style="padding: 5px;">?</td><td style="padding: 5px;">6</td></tr> <tr><td style="padding: 5px;">?</td><td style="padding: 5px;">12</td></tr> <tr><td style="padding: 5px;">?</td><td style="padding: 5px;">11</td></tr> <tr><td style="padding: 5px;">?</td><td style="padding: 5px;">20</td></tr> <tr><td style="padding: 5px;">?</td><td style="padding: 5px;">18</td></tr> </table>	?	6	?	12	?	11	?	20	?	18	<table style="width: 100%; border: 1px solid black;"> <tr><td style="padding: 5px;">7</td><td style="padding: 5px;">?</td></tr> <tr><td style="padding: 5px;">9</td><td style="padding: 5px;">?</td></tr> <tr><td style="padding: 5px;">15</td><td style="padding: 5px;">?</td></tr> <tr><td style="padding: 5px;">11</td><td style="padding: 5px;">?</td></tr> <tr><td style="padding: 5px;">19</td><td style="padding: 5px;">?</td></tr> </table>	7	?	9	?	15	?	11	?	19	?
?	6																				
?	12																				
?	11																				
?	20																				
?	18																				
7	?																				
9	?																				
15	?																				
11	?																				
19	?																				

መልመዳ 6 አብ ማእኸል ዘሎ ቁፅሪ ዕሓፉ።

መልመዳ 7 ቀዳማይን ሰዓባይን ቁፅርታት ዕሓፉ።

<table style="width: 100%; border: 1px solid black;"> <tr><td style="padding: 5px;">7</td><td style="padding: 5px;">?</td><td style="padding: 5px;">9</td></tr> <tr><td style="padding: 5px;">11</td><td style="padding: 5px;">?</td><td style="padding: 5px;">13</td></tr> <tr><td style="padding: 5px;">14</td><td style="padding: 5px;">?</td><td style="padding: 5px;">16</td></tr> <tr><td style="padding: 5px;">18</td><td style="padding: 5px;">?</td><td style="padding: 5px;">20</td></tr> <tr><td style="padding: 5px;">10</td><td style="padding: 5px;">?</td><td style="padding: 5px;">12</td></tr> </table>	7	?	9	11	?	13	14	?	16	18	?	20	10	?	12	<table style="width: 100%; border: 1px solid black;"> <tr><td style="padding: 5px;">□</td><td style="padding: 5px;">7</td><td style="padding: 5px;">□</td></tr> <tr><td style="padding: 5px;">□</td><td style="padding: 5px;">15</td><td style="padding: 5px;">□</td></tr> <tr><td style="padding: 5px;">□</td><td style="padding: 5px;">19</td><td style="padding: 5px;">□</td></tr> <tr><td style="padding: 5px;">□</td><td style="padding: 5px;">12</td><td style="padding: 5px;">□</td></tr> <tr><td style="padding: 5px;">□</td><td style="padding: 5px;">9</td><td style="padding: 5px;">□</td></tr> </table>	□	7	□	□	15	□	□	19	□	□	12	□	□	9	□
7	?	9																													
11	?	13																													
14	?	16																													
18	?	20																													
10	?	12																													
□	7	□																													
□	15	□																													
□	19	□																													
□	12	□																													
□	9	□																													

ንጥራት 6 ምልክታት < = > ተጠቒምኩም ኣወዳድሩ።

<table style="width: 100%; border: 1px solid black; border-radius: 10px;"> <tr><td style="padding: 5px;">13</td><td style="padding: 5px;">?</td><td style="padding: 5px;">13</td></tr> <tr><td style="padding: 5px;">12</td><td style="padding: 5px;">?</td><td style="padding: 5px;">18</td></tr> <tr><td style="padding: 5px;">11</td><td style="padding: 5px;">?</td><td style="padding: 5px;">11</td></tr> </table>	13	?	13	12	?	18	11	?	11	<table style="width: 100%; border: 1px solid black; border-radius: 10px;"> <tr><td style="padding: 5px;">14</td><td style="padding: 5px;">?</td><td style="padding: 5px;">16</td></tr> <tr><td style="padding: 5px;">18</td><td style="padding: 5px;">?</td><td style="padding: 5px;">14</td></tr> <tr><td style="padding: 5px;">19</td><td style="padding: 5px;">?</td><td style="padding: 5px;">12</td></tr> </table>	14	?	16	18	?	14	19	?	12	<table style="width: 100%; border: 1px solid black; border-radius: 10px;"> <tr><td style="padding: 5px;">19</td><td style="padding: 5px;">?</td><td style="padding: 5px;">11</td></tr> <tr><td style="padding: 5px;">12</td><td style="padding: 5px;">?</td><td style="padding: 5px;">8</td></tr> <tr><td style="padding: 5px;">9</td><td style="padding: 5px;">?</td><td style="padding: 5px;">12</td></tr> </table>	19	?	11	12	?	8	9	?	12
13	?	13																											
12	?	18																											
11	?	11																											
14	?	16																											
18	?	14																											
19	?	12																											
19	?	11																											
12	?	8																											
9	?	12																											

- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

መልመዲ 8 ብቕደም ስዓብ ባዶ ቦታታት ምልኡ።

6	7			10	
13	14				
15					
11					

መልመዲ 9 ብቕደም ስዓብ ተደላዩ ቁፅሪ ፅሓፉ።

1		3		5	
11	12			15	
					17
					20
					13

መልመዲ 10 ካብ ዝነኣሰ ናብ ዝዓበዩ ፅሓፉ።

9 13 11 15

14 19 5 17



3.3. ስርዓት ዋጋ ዓድታት

ንጥራት 7 ዋጋ ዓዲ ዓስርተን ዓዲ ሓደን ፍልጽ።

$13 = 10 + 3$

ዓዲ ዓስርተ	ዓዲ ሓደ
1	3

$18 = 10 + \square$

ዓዲ ዓስርተ	ዓዲ ሓደ

$12 = 10 + \square$

ዓዲ ዓስርተ	ዓዲ ሓደ

መልመዲ 11 በቢ ዓደም ፅሓፉ።

	ዓዲ ዓስርተ	ዓዲ ሓደ
16	1	6
11		
17		
19		
20		

- 11 12 13 14 15 16 17 18 19 20

ንጥፈት 8 ብዓዲ ዓስርተን ዓዲ ሓደን መደቡ።

	ዓዲ ዓስርተ	ዓዲ ሓደ
14	?	?

$14 = 10 + \square$

	ዓዲ ዓስርተ	ዓዲ ሓደ
15	?	?

$10 + \square = 15$

	ዓዲ ዓስርተ	ዓዲ ሓደ
17	?	?

$17 = 10 + \square$

መልመዲ 12 ብድማር ዓስርተ ተንትኑ።

$11 = 10 + \square$ <input type="text" value="1"/>	$19 = 10 + \square$
$12 = 10 + \square$	$15 = 10 + \square$
$17 = 10 + \square$	$13 = 10 + \square$
$16 = 10 + \square$	$14 = 10 + \square$
$10 = 10 + \square$	$20 = 10 + \square$

ምዕራፍ ኣርባዕተ










ምድማርን ምጉዳልን ክሳብ 20

$$\begin{array}{r} 12 \\ +5 \\ \hline 17 \end{array}$$

$$\begin{array}{r} 17 \\ -5 \\ \hline 12 \end{array}$$

4.1 ምድማር ሙሉእ ቁፅርታት ክሳብ 20 /ድማርም ካብ 20 ዘይበልፅ/

ንጥፊት 1 ብምቕጻር ደምሩ።

		
$8 + 5 = 13$		
		<div style="border: 1px solid gray; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> ? </div>
$12 + 5 = ?$		
		<div style="border: 1px solid gray; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> ? </div>
$9 + 6 = ?$		
		<div style="border: 1px solid gray; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> ? </div>
$7 + 3 = ?$		

$4 + 8 = 12$

$7 + 6 = \square$

$5 + 12 = \square$

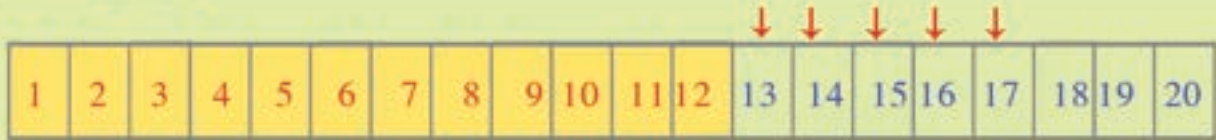
$8 + 9 = \square$

መልመዴ 1 ደግሩ።

$3 + 7 = \square ?$ $4 + 8 = \square ?$
 $14 + 2 = \square ?$ $8 + 3 = \square ?$



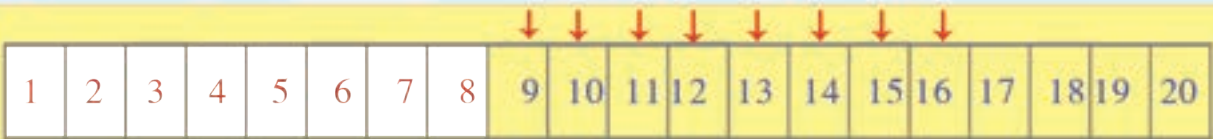
መልመዳ 2 ሰደቻ ቁፅሪ ተጠቅምኩም ደምሩ፡



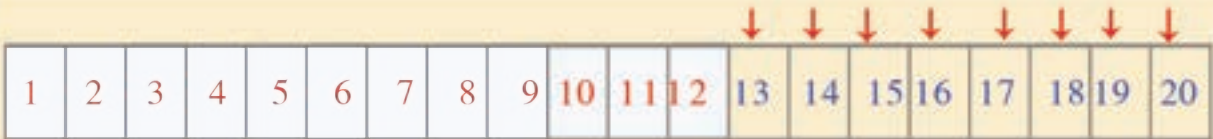
$$12 + 5 = 17$$



$$9 + 6 = \square$$

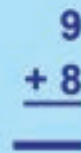
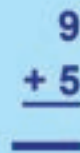
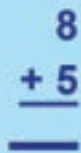
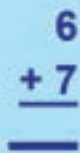
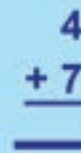
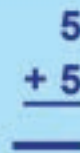
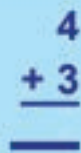
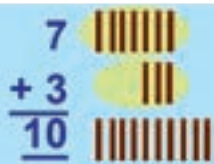


$$8 + 8 = \square$$



$$12 + 8 = \square$$

መልመዳ 3 ሕንፃፃት ተጠቅምኩም ደምሩ፡፡





መልመዴ 4 ብተደመርቲ ተንትኑ።

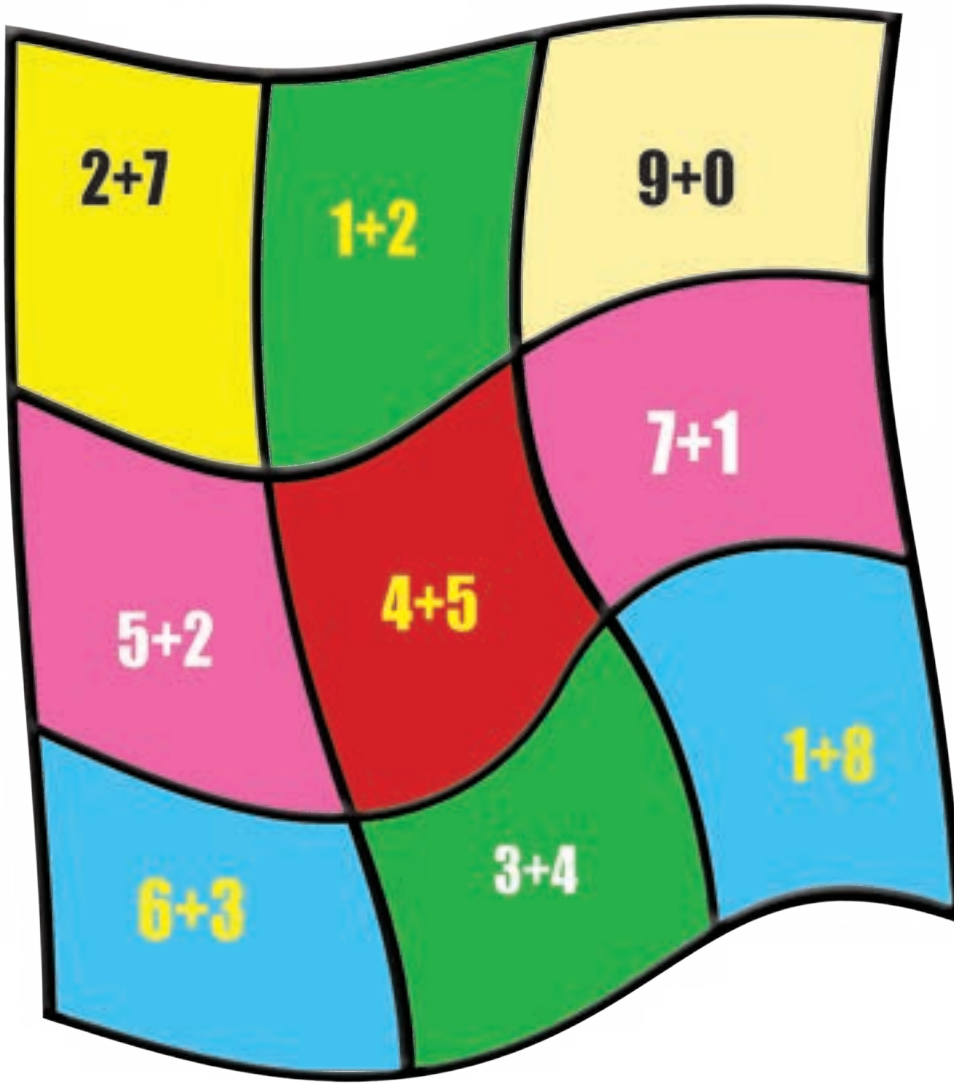
$5 = 2 + 3$
 $5 = 1 + 4$
 $5 = 3 + \square$
 $5 = 0 + \square$

$9 = 3 + 6$
 $9 = \square + \square$
 $9 = \square + \square$
 $9 = \square + \square$

መልመዴ 5 ብመሰረት ኣብነት ባዶ ቦታ ምልኡ።



ንጥራት 2 ተደመርቲ 9 ዝኾኑ ፍልጻ።



መልመዳ 6 ደምሩ።

$\begin{array}{r} 15 \\ + 3 \\ \hline \end{array}$	$\begin{array}{r} 12 \\ + 4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ + 1 \\ \hline \end{array}$	$\begin{array}{r} 13 \\ + 1 \\ \hline \end{array}$
--	--	--	--



መልመዳ 7 ብዓድታት ደምሩ።

አብነት

$$\begin{array}{r} 13 \\ + 4 \\ \hline \square \end{array}$$

ዓዲ ዓስርተ	ዓዲ ሓደ
	3
	4
	7

ዓዲ ዓስርተ	ዓዲ ሓደ
1	3
	4
1	7

ዓዲ ዓስርተ	ዓዲ ሓደ
1	5
	3

ዓዲ ዓስርተ	ዓዲ ሓደ
1	2
	7

ዓዲ ዓስርተ	ዓዲ ሓደ
1	5
	3

መልመዳ 8 ብትኹል ደምሩ።

$$\begin{array}{r} 12 \\ + 7 \\ \hline \square \end{array}$$

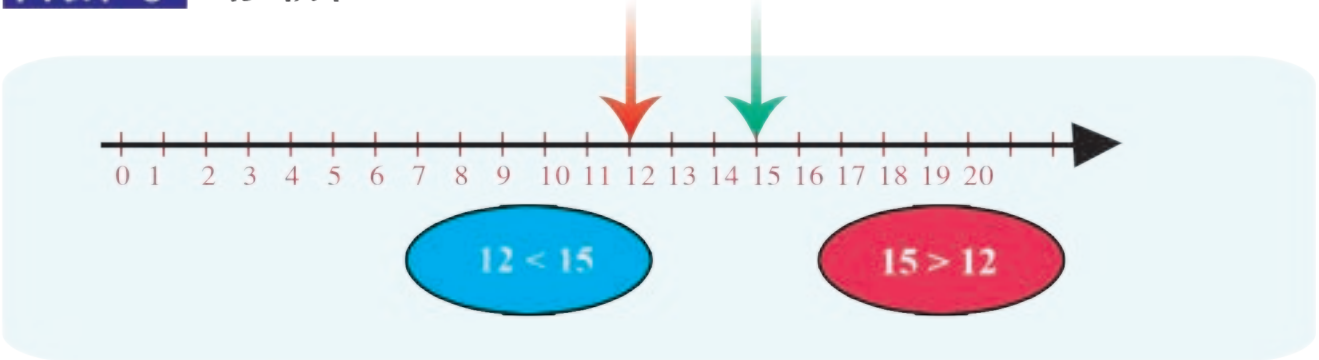
$$\begin{array}{r} 13 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} 11 \\ + 8 \\ \hline \square \end{array}$$

$$\begin{array}{r} 10 \\ + 10 \\ \hline \square \end{array}$$



ንጥራት 3 አወዳድሩ።



15 12

10+5 10+2

5 2

13 15

10+3 10+5

3 5

መልመዳ 9 አወዳድሩ።



15 12 16 11

9 11 12 8



4.2. ምጉዳል መሰል ቁጥርታት ክሳብ 20

ንጥራት 4 አገድሱ።

1

$12 - 5 = \boxed{7}$

2

$15 - 3 = \boxed{}$

3

$11 - 5 = \boxed{}$

መልመዳ 10 አገድሱ።

አብነት $18 - 5 = 13$

$12 - 3 = \boxed{?}$	$18 - 11 = \boxed{?}$	$19 - 5 = \boxed{?}$
$17 - 5 = \boxed{?}$	$20 - 10 = \boxed{?}$	$17 - 8 = \boxed{?}$



መልመዳ 11 ብትኹል ኣገድሎ።

$\begin{array}{r} 14 \\ - 2 \\ \hline \end{array}$	$\begin{array}{r} 16 \\ - 4 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 7 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 5 \\ \hline \end{array}$
$\begin{array}{r} 18 \\ - 12 \\ \hline \end{array}$	$\begin{array}{r} 17 \\ - 13 \\ \hline \end{array}$	$\begin{array}{r} 18 \\ - 17 \\ \hline \end{array}$	$\begin{array}{r} 20 \\ - 10 \\ \hline \end{array}$

መልመዳ 12 ንድሕሪት ብምኻድ ኣገድሎ።

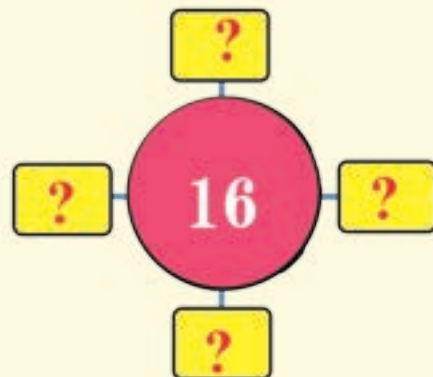
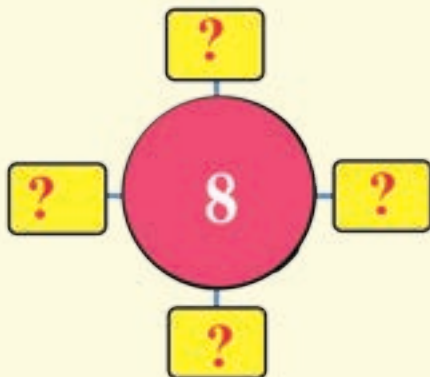
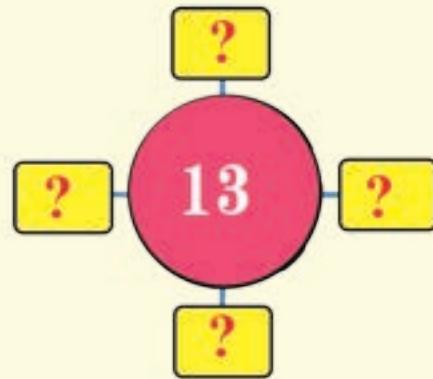
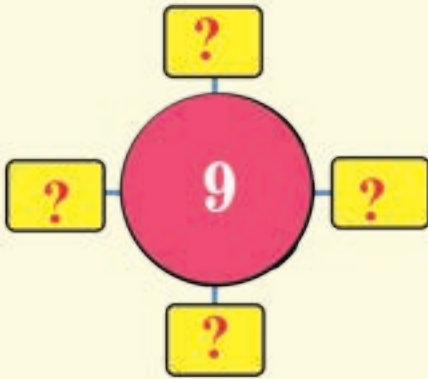
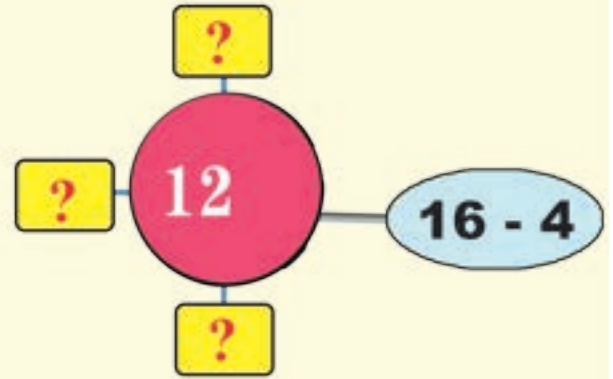
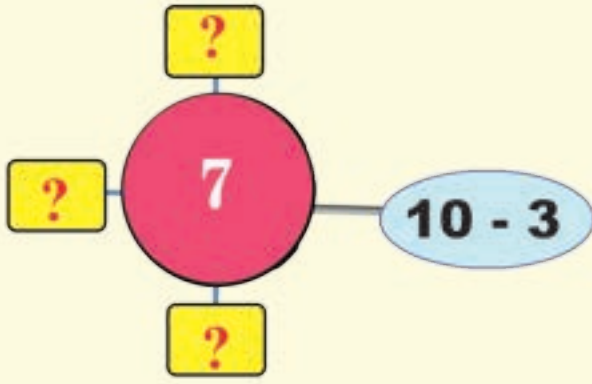
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----

$20 - 5 = 15$

$19 - 6 = \boxed{?}$	$17 - 9 = \boxed{?}$	$15 - 12 = \boxed{?}$
$18 - 7 = \boxed{?}$	$17 - 8 = \boxed{?}$	$15 - 10 = \boxed{?}$
$18 - 14 = \boxed{?}$	$17 - 7 = \boxed{?}$	$15 - 8 = \boxed{?}$
$18 - 12 = \boxed{?}$	$17 - 6 = \boxed{?}$	$15 - 6 = \boxed{?}$
$18 - 11 = \boxed{?}$	$17 - 5 = \boxed{?}$	$15 - 4 = \boxed{?}$



ንጥራት 5 ሕድሕድ ባዶ ቦታ ብምጉዳል ቁፅርታት ግለፁ።





መልመዴ 13 ብምጉዳል ግለፁ፡፡

5	12 - 7	8 - 3	9 - 4
7			
13			16 - 3
8	10 - 2		
11			16 - 5

መልመዴ 14 ባዶ ቦታ ምልክ፡፡

10	14
10 - 0	14 - 0
11 - <input type="text"/>	16 - <input type="text"/>
14 - <input type="text"/>	17 - <input type="text"/>
<input type="text"/> - 3	<input type="text"/> - 3
20 - <input type="text"/>	<input type="text"/> - 4



4.3. ቃል ግድላት አብ ምድማርን ምጉዳልን

መልመዲ 15 ነዞም ዝስዕቡ ቃል ግድላት ፍትሑ።

አበበ 7 እንቋቆሖ ነይሩዎ። ክንደይ እንቋቆሖ እንተወሲኹሉ እዩ 15 ዝኾነሉ ?

አብ ሓደ ሸሓነ 16 መዝ ነይሮምኒ። ክንደይ እንተጉዲለ 9 ይተርፈኒ ?

17 ከረማላ ነይሮምኒ። 6 ንመሓዙተይ እንተሃለ ክንደይ ይተርፈኒ ?

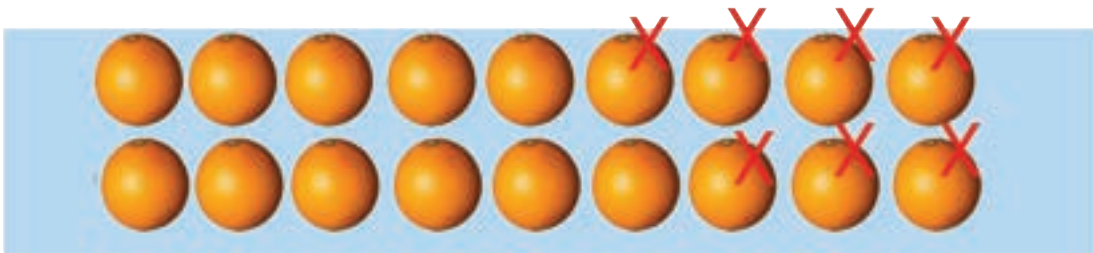
ሓደ ዘይተፈለጠ ቁፅሪ ሓሲቡ። 3 እንተጉዲለሉ 12 ይተርፍ። እቲ ዝሓሰብኩዎ ቁፅሪ ክንደይ እዩ ?



መልመዳ 16 ሐሳባዊ መብስ ሐሳብ ብምፅሓፍ ፍትሐ።

እበበ

ለምለም



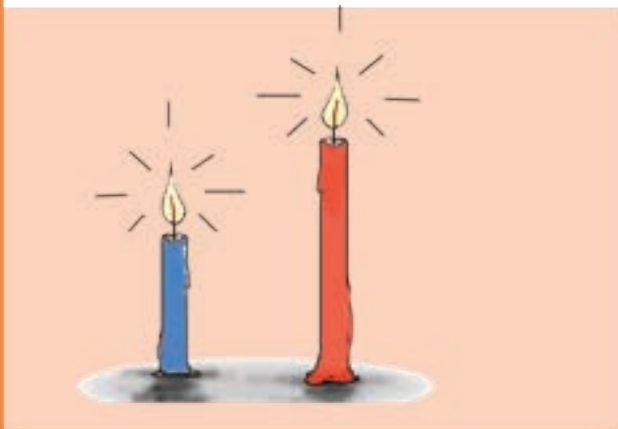
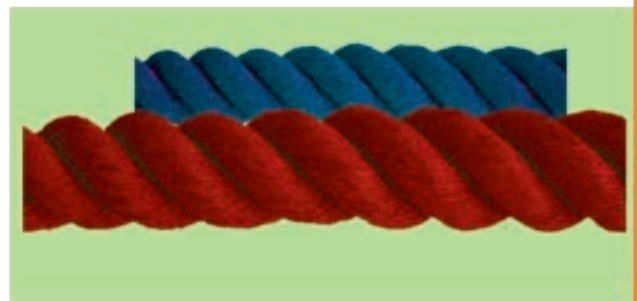
ምዕራፍ ሐመሽተ

ባህላዊ መዐቀንታት



5.1. መዐቀንታት ንውሓት

ንጥፊት 1 ነዞም ምስልታት ብምርኣይ ንውሓቶም ኣወዳድሩ።





ንጥፈት 2

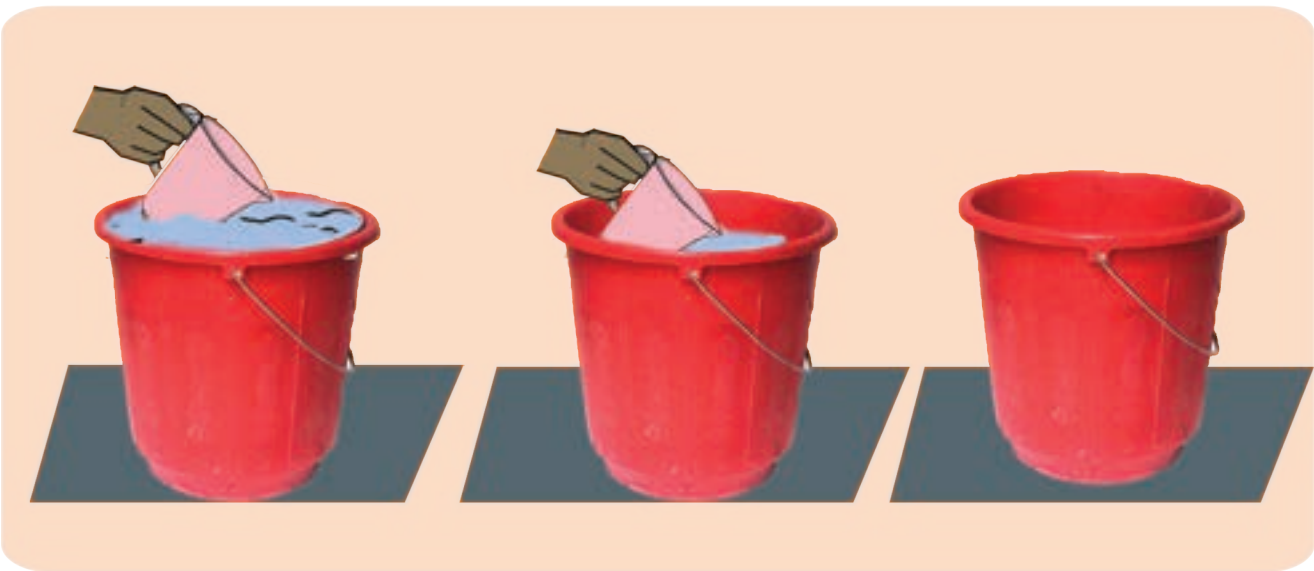
ኣብ ክባቢኹም ዝርከቡ ነገራት ብስጉሚ፣ ብስድሪ፣ ብእመት፣ ብጫማን፣ ብገመድን ዓቅኑ።





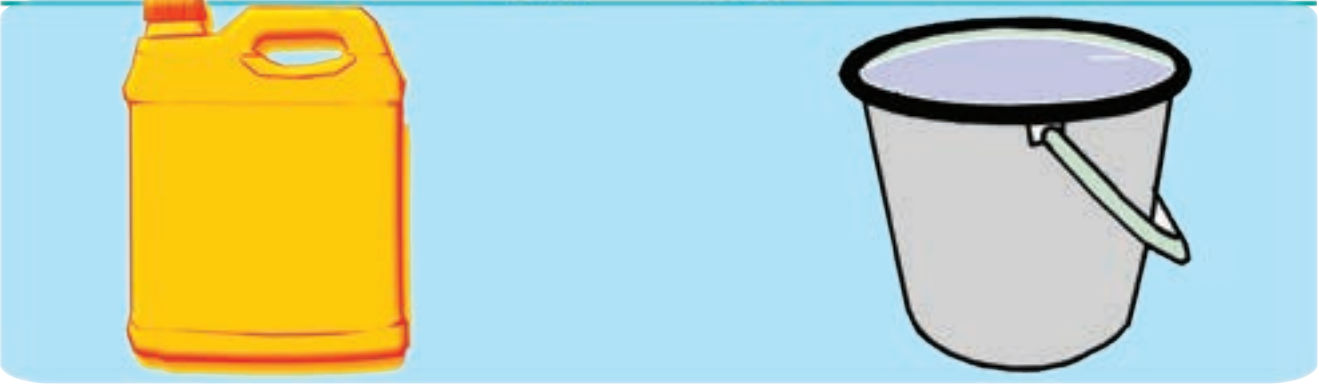
5.2. መዐቀንታት ትሕዝቶ

ንጥራት 3 ነዘም ምስልታት ብምርኣይ ሙሉእ፣ ጉደሎን ባዶን ዝኾኑ ፍለዩ።

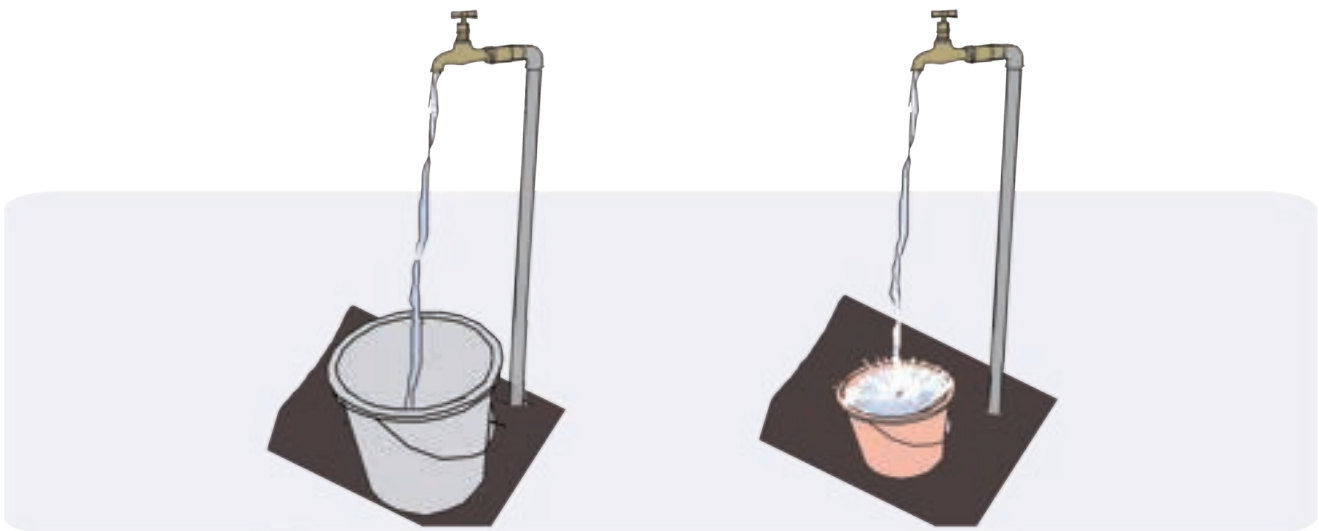




ንጥራት 4 መዐቀኒ ጆግ ወይ ድማ ብርጭቆ ብምጥቃም ትሕዝቶኦም ኣወዳድሩ።



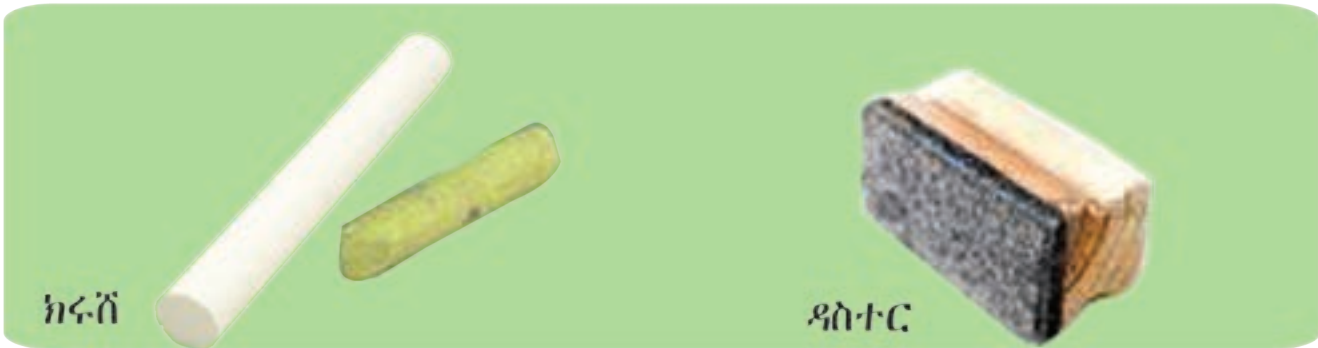
ንጥራት 5 ኣየናይ ሸንኬሎ ቀዳሙ ይመልእ? ንምንታይ?





5.3 መዐቀንታት ክብደት

ንጥፊት 6 ኣየናይ ይኸብድ?





ንጥራት 7 አየናይ ይኸብድ?

1



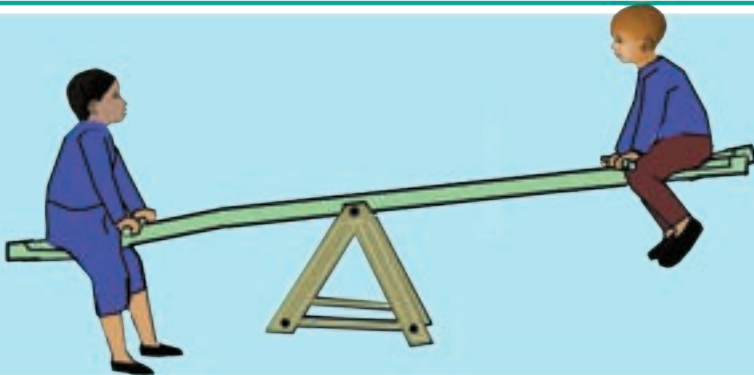
2



3

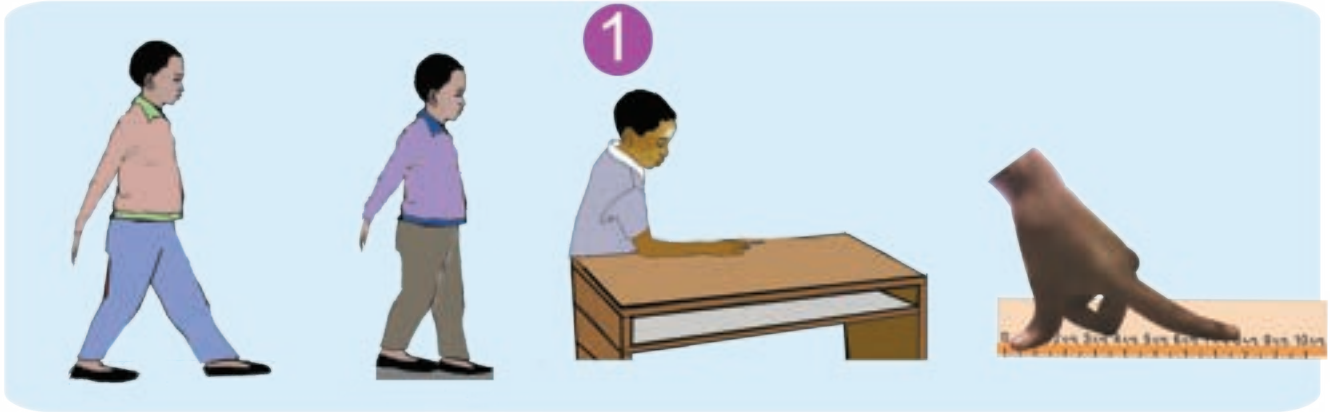


4



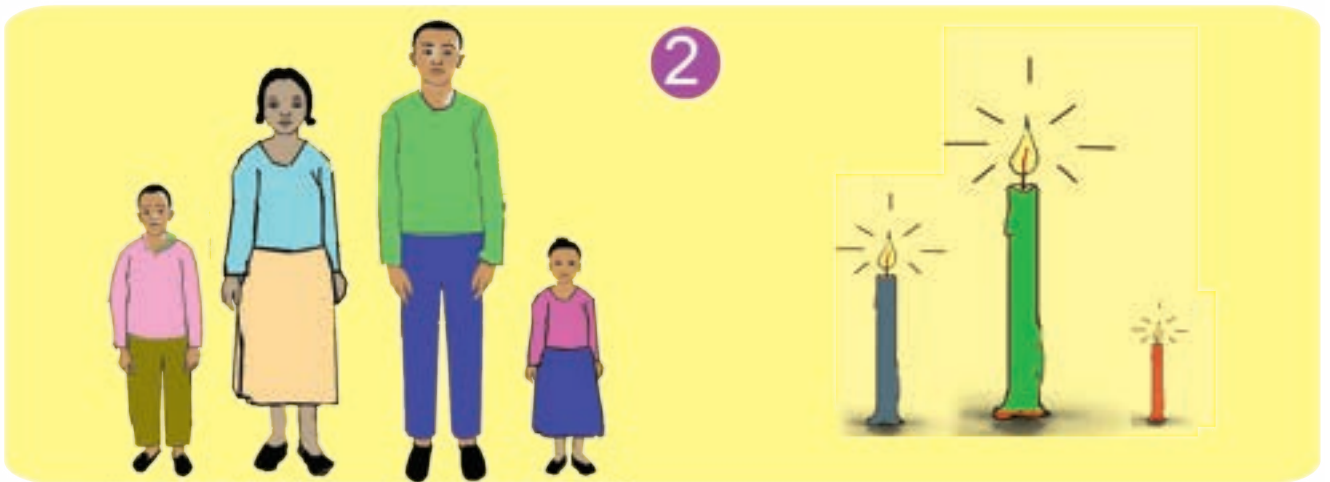


መልመዴ 1 ስም እዞም መዐቀንታት ዘርዝሩ።



1

መኒኦም ይነውሑ?



2

ሓሰን ከድጃ ቦርሀ ሓጎላ

አየናይ ሸንኬሎ ብዙሕ ይሕዝ ?

ከቢድ ሚዛን ዝምዘን አየናይ እዩ?



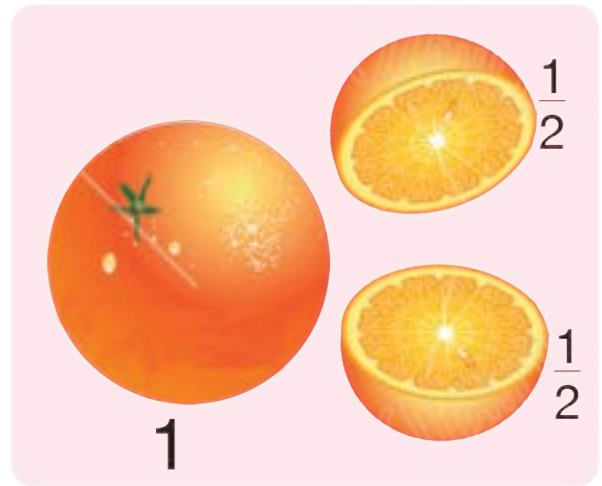
3



4

ምዕራፍ ስድስት

ጉዞታት

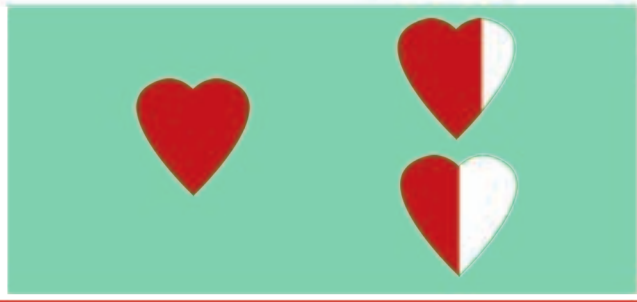
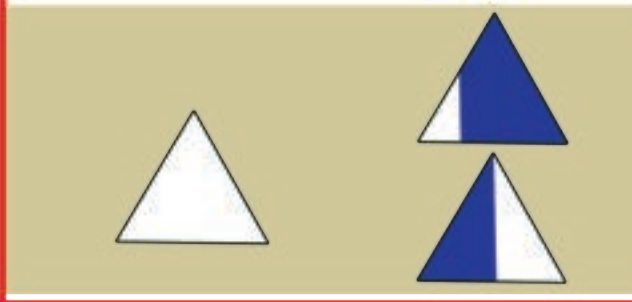
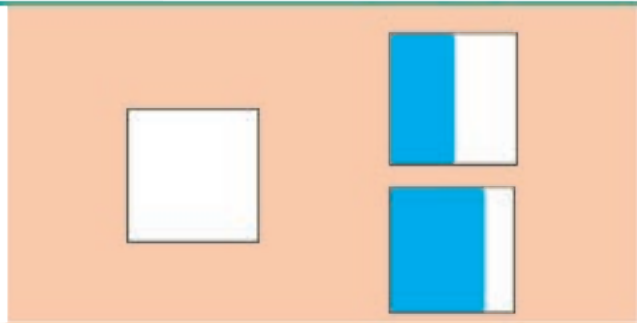
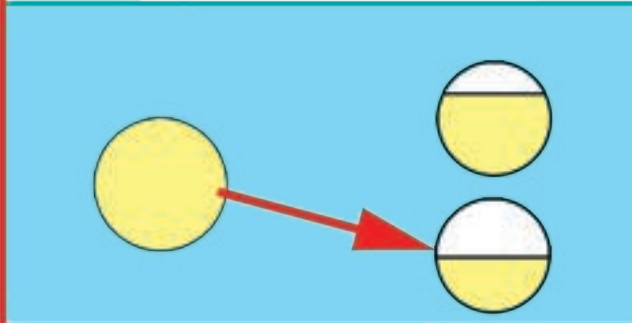


6.1. ፍርቅታት

ንጥራት 1 አየናይ ሕምባሻ ማዕረ ተመቺሉ?

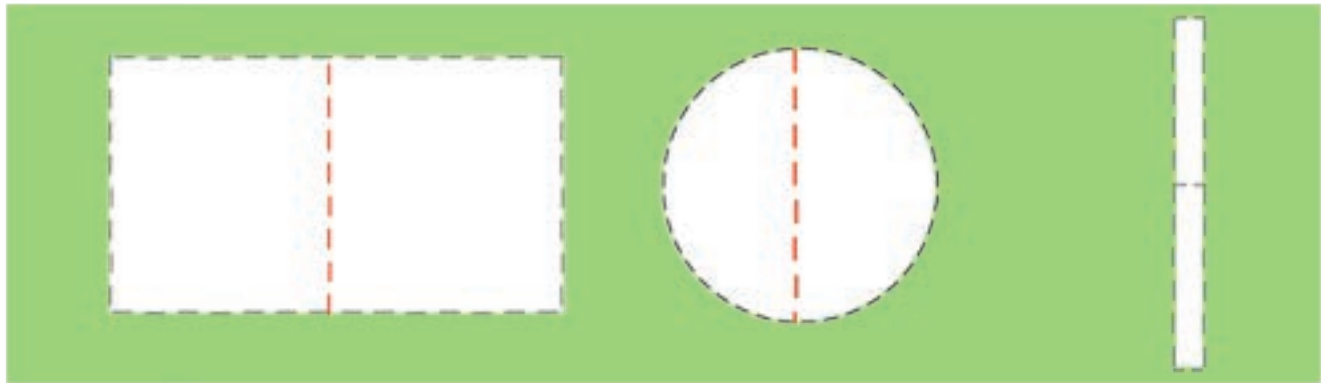


ንጥራት 2 አብ ክልተ ማዕረ ዝተመቐለ ፍለይ።





መልመዳ 1 ፍርቂ ምስሊ ኣቕልመ። ::



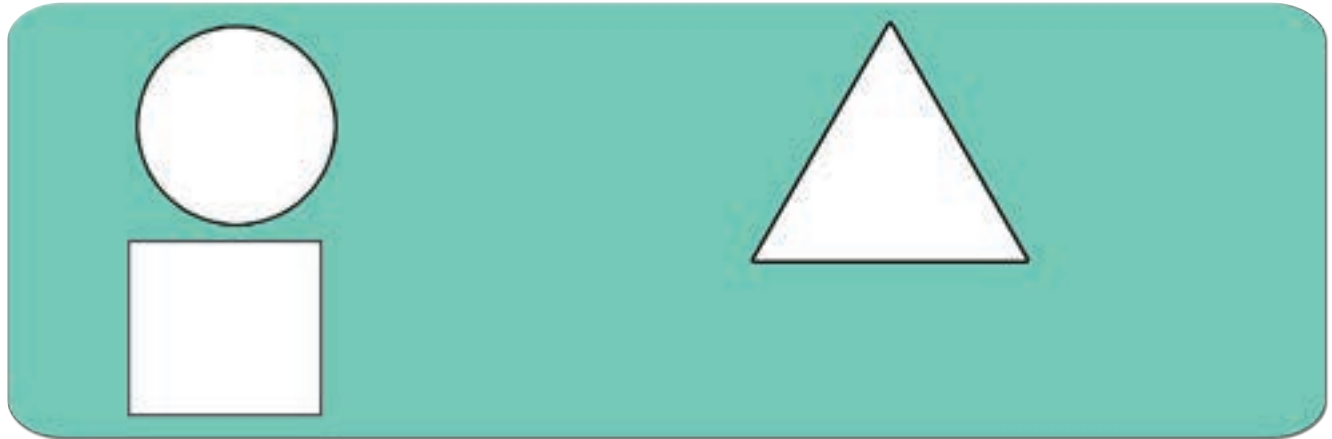
ንጥፈት 3 ብጉጅለ ዝተፈላለዩ ነገራት ብምእካብ ናይቶም ነገራት ፍርቂ ኣርእዩ። ከመይ ይፅሓፍ?





6.2. ርባዓት

ንጥራት 4 ሀ. ንዘስዕቡ ምስልታት ኣብ ኣርባዕተ ማዕረ ምቕሉ-



ለ. ንኣደ ምቃል ኣቕሊምኩም ስም ሃቡ።



መልመዳ 2 ዝተቐለሙ ምስ ጉዚ ኣዛምዱ።



መልመዳ 3 ነቲ ጉዞ ዝውክል ስእሲ ፍለጹ።

$\frac{1}{2}$

$\frac{1}{4}$

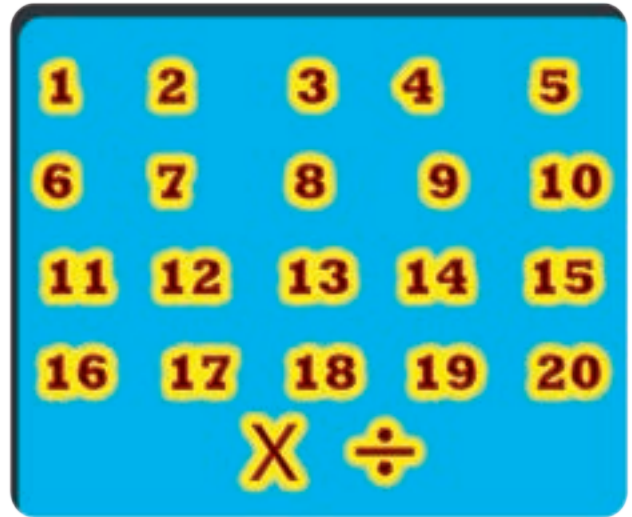
$\frac{3}{4}$

መልመዳ 4 ነቲ ጉዞ ዝውክል ክፋል ኣቕልሙ።

$\frac{1}{2}$ $\frac{3}{4}$
 $\frac{1}{4}$ $\frac{1}{4}$


ምዕራፍ ሸውዓተ

ምርባሕን ምምቃልን
ክሳብ 20




7.1. ብ 2 ምርባሕ ክሳብ 20

ንጥፈት 1 ምድማር ብምርባሕ ግለፁ።




3

+




3

→




6

2 X **3**




2

+



2

=



4

? X **?** = **4**

'X' ምልክት ምርባሕ እዩ።

ንጥራት 2 ብምርባሕ ግለፅ፡፡

4 + 4 = 8

2 x ? = 8

5 + 5 = 10

2 x [] = []




መልመዳ 1 ዝጎደለ ቁፅራ ምልክቲ፡፡

$2 + 2 + 2 = 6$
 $\boxed{?} \times 2 = 6$

$3 + 3 = 6$
 $\boxed{?} \times \boxed{?} = 6$

$\boxed{?} \times \boxed{?} = \boxed{?}$


ንጥራት 3 ተቆፃሪ ነገራት ብምጥቃም ዝነደለ ቁፅሪ ምልኡ።



2 ጊዜ 1 ኩዕሻ =

1 + 1 =


2 x 1 =



2 ጊዜ 3 ኩዕሻ =

3 + 3 =


2 x 3 =



2 ጊዜ 2 ኩዕሻ =

2 + 2 =

2 x 2 =



2 ጊዜ 5 ኩዕሻ =

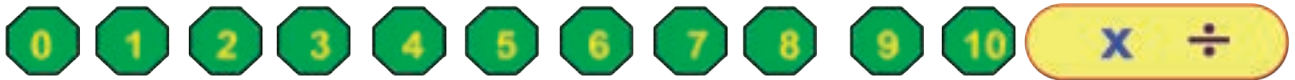
+ =

x =

2 x 1 =

2 x 2 =

2 x 5 =



መልመዴ 2 ብምርባሕ ግለፁ። ዋጋ ርብኢት ፅሓፉ።

መራብሒ መራብሒ ርባሕ
 $8 + 8 = 2 \times 8 = 16$
 $9 + 9 = \boxed{?} \times \boxed{?} = \boxed{?}$
 $10 + 10 = \boxed{?} \times \boxed{?} = \boxed{?}$
 $6 + 6 = \boxed{?} \times \boxed{?} = \boxed{?}$

መልመዴ 3 ብምድማርን ብምርባሕን ፅሓፉ።

+

=

?

+

?

=

?

?

×

?

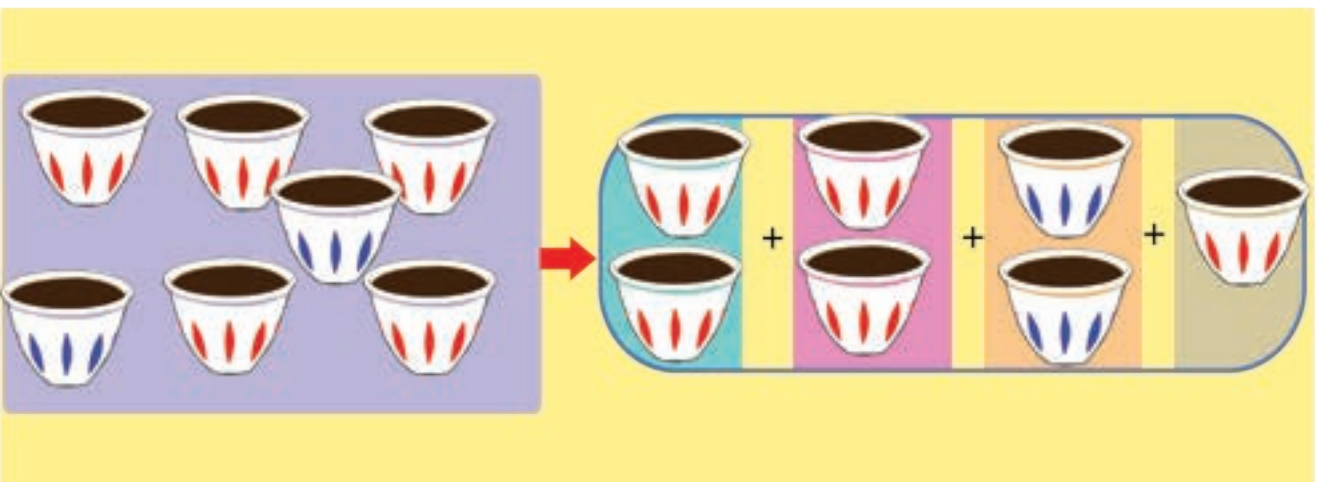
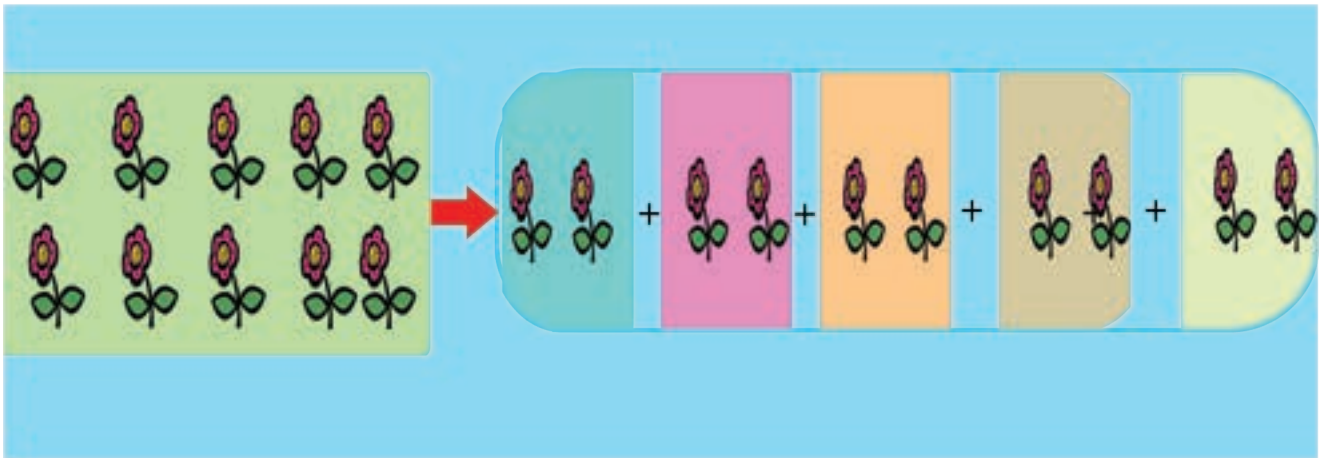
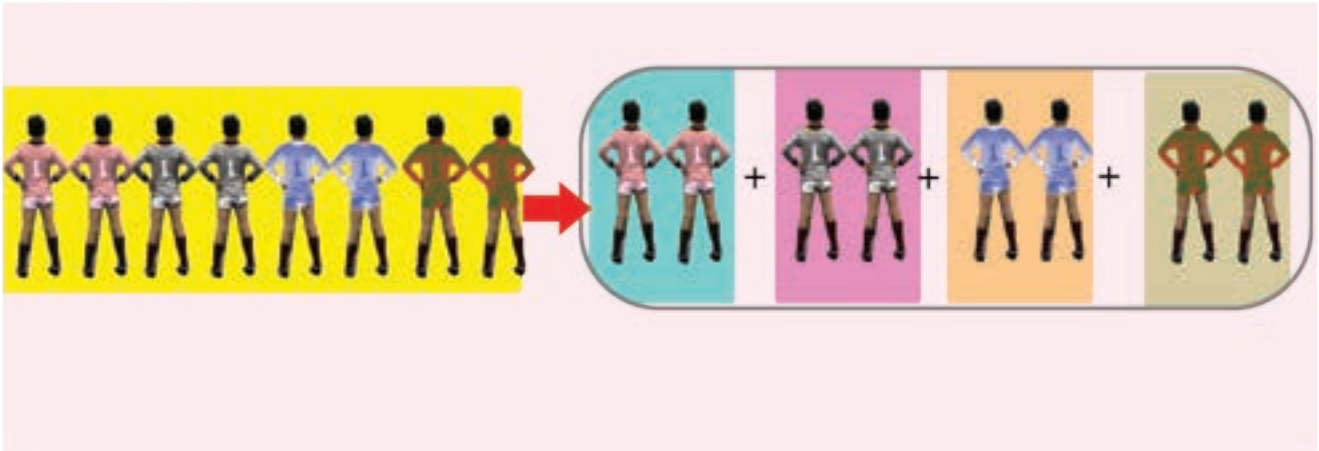
=

?

- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

X ÷

ንጥፈት 4 በቦ. 2 ዝምደቡን ዘይምደቡን ፍለጻ ::

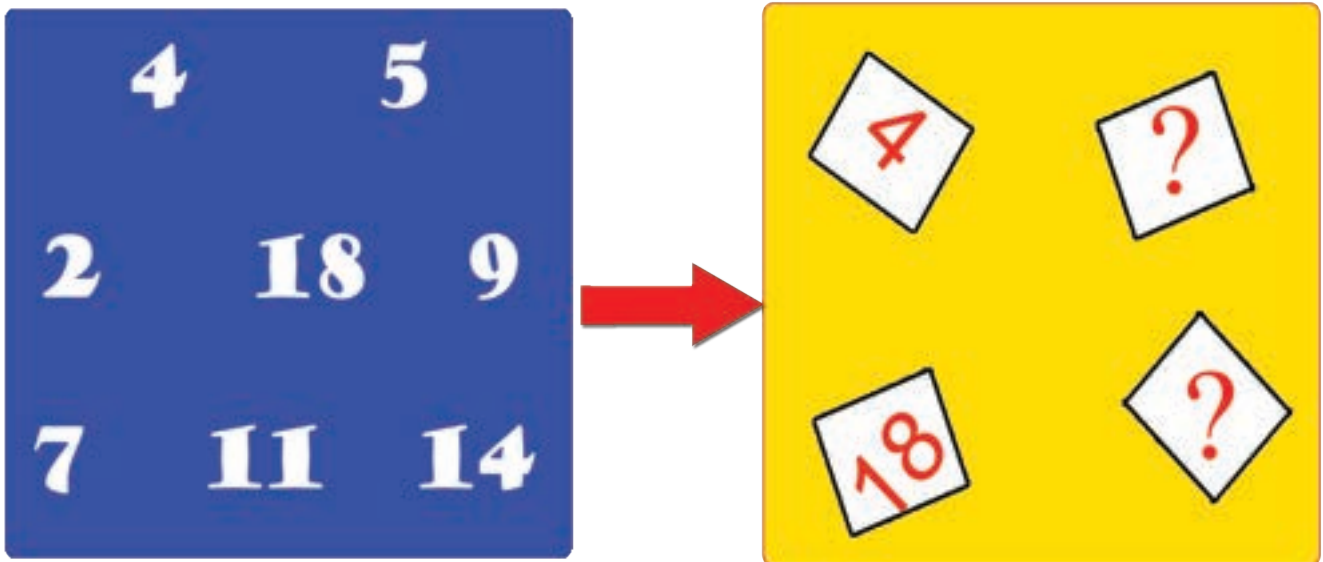




ንጥራት 5 በቤ. 2 ክምደቡ ዝክእሉ ፈሊኹም ብርብሒት 2 ፅሓፉ።

ሀ.		✓
ለ.		X
ሐ.		?
መ.		?

መልመዳ 4 በቤ. 2 ክምደቡ ዝክእሉ ፍለጹ።



11

12

13

14

15

16

17

18

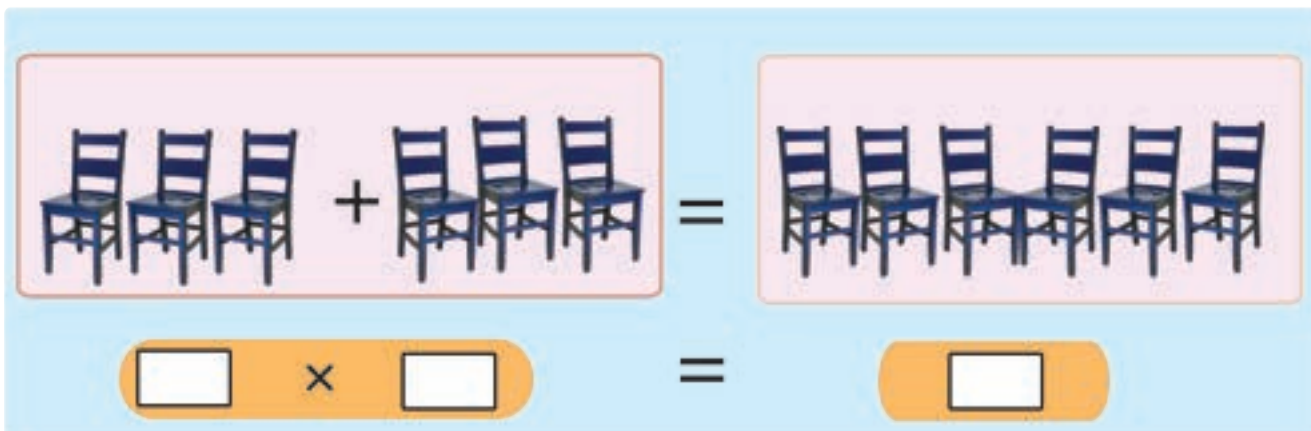
19

20

X ÷

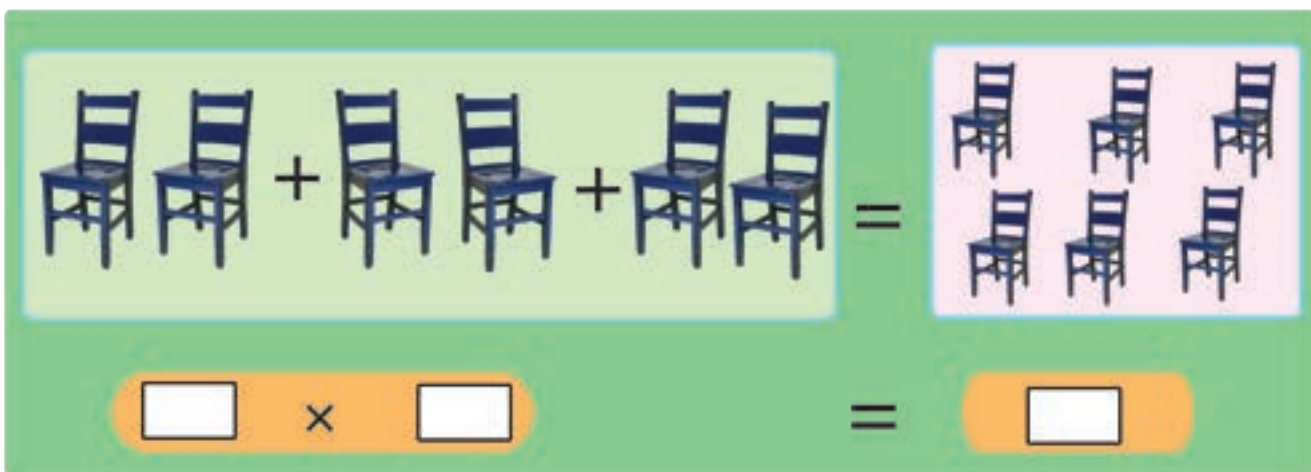
ንጥራት 6 ዋጋ ሳንዱቅ ድለዩ።

ሀ.



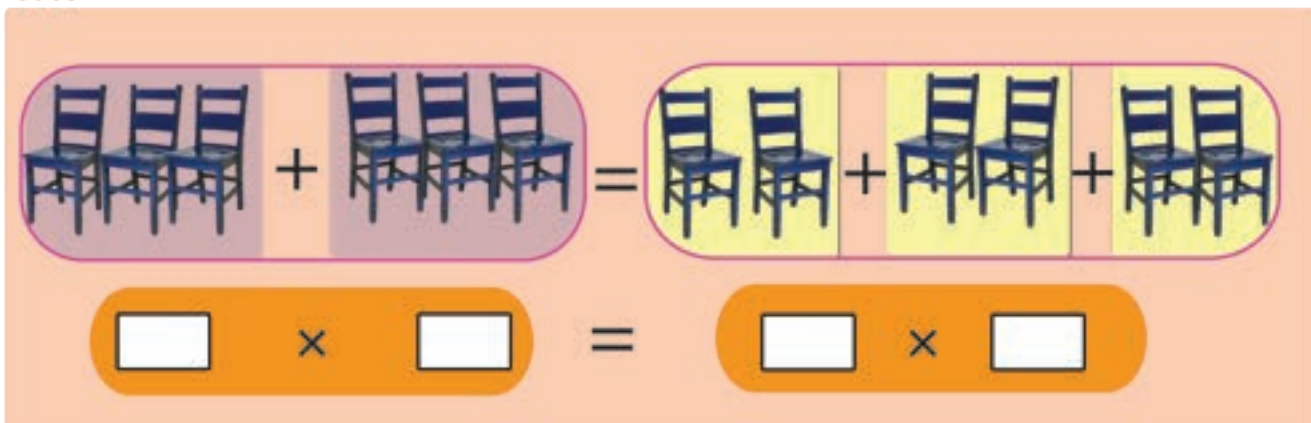
$3 + 3 = 6$
 $[] \times [] = []$

ለ.



$2 + 2 + 2 = 6$
 $[] \times [] = []$

ሐ.



$3 + 3 = 2 \times 2 + 2$
 $[] \times [] = [] \times []$



መልመዴ 5 ተደላዩ ቁፅሪ ኣብ ባዶ ቦታ ምልኡ።

$\boxed{?} \times \boxed{?} = \boxed{?}$ $\boxed{?} \times \boxed{?} = \boxed{?}$

$\boxed{?} \times \boxed{?} = \boxed{?}$ $\boxed{?} \times \boxed{?} = \boxed{?}$

$2 \times 3 = \boxed{?} \times 2$

$4 \times 2 = \boxed{?} \times \boxed{?}$

- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19
- 20

×
÷

መልመዳ 6 ሀ. ዋጋ ሳንዳች ድለዩ። እንታይ ተዓዚብኩም?

2

×

×

ለ. ነዚ ሰደቻ ምርባሕ ተጠቂምኩም ዋጋ ሳንዳች ድለዩ።



$1 \times 2 = 2$	$6 \times 2 = 12$
$2 \times 2 = 4$	$7 \times 2 = 14$
$3 \times 2 = 6$	$8 \times 2 = 16$
$4 \times 2 = 8$	$9 \times 2 = 18$
$5 \times 2 = 10$	$10 \times 2 = 20$

$8 \times 2 =$

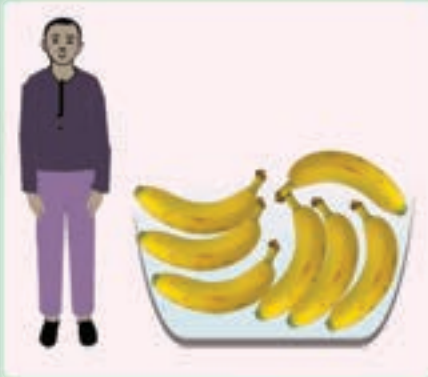
$2 \times 10 =$

$2 \times 8 =$

$10 \times 2 =$

መልመዳ 7

በዝሐ መዝ ብምርባሕ ግለፁ።



$$\square \times \square = \square$$

ክልተ አሕዋት ሕድሕዶም አርባዕተ አባጊዕ አላወኑም።
ጠቕላላ በዝሐ አባጊዕ ብምርባሕ ግለፁ።



$$\square \times \square = \square$$

ስለስለተ ማርቲሎ አለና። ብርባሕ 2 ንምግለፅ ባዶ ቦታ ምልኡ።



$$\square \times \square = \square$$

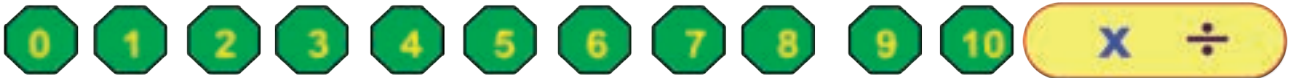
7.2. ብዙይተረፍ ንጊ ምምቃል

ንጥፈት 7 ዋጋ ሳንዱኝ ድለዩ።

$4 \div 2 = \boxed{?}$

$6 \div 2 = \boxed{?}$

$8 \div 2 = \boxed{?}$



ንጥራት 8 ዋጋ ሳንዳች ድለዩ።

1

$14 \div 2 = ?$

ተመቃላይ መቻላይ ብዕሐት

2

$? \div ? = ?$

3

$? \div ? = ?$

$? \times ? = ?$

11

12

13

14

15

16

17

18

19

20

X ÷

መልመዳ 8

ሀ. ምቅለ፡፡

$10 \div 2 = \boxed{?}$

$14 \div 2 = \boxed{?}$

$18 \div 2 = \boxed{?}$

$12 \div 2 = \boxed{?}$

$20 \div 2 = \boxed{?}$

$8 \div 2 = \boxed{?}$

ለ. ባዶ ቦታ ምልክ፡፡

$12 \div 2 = 6$

$2 \times 6 = 12$



$14 \div 2 = \boxed{?}$

$2 \times 7 = \boxed{?}$



$16 \div 2 = \boxed{?}$

$\boxed{?} \times \boxed{?} = \boxed{?}$



$8 \div 2 = \boxed{?}$

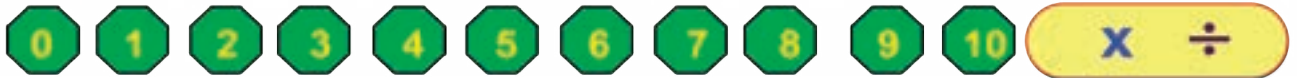
$4 \times 2 = \boxed{?}$



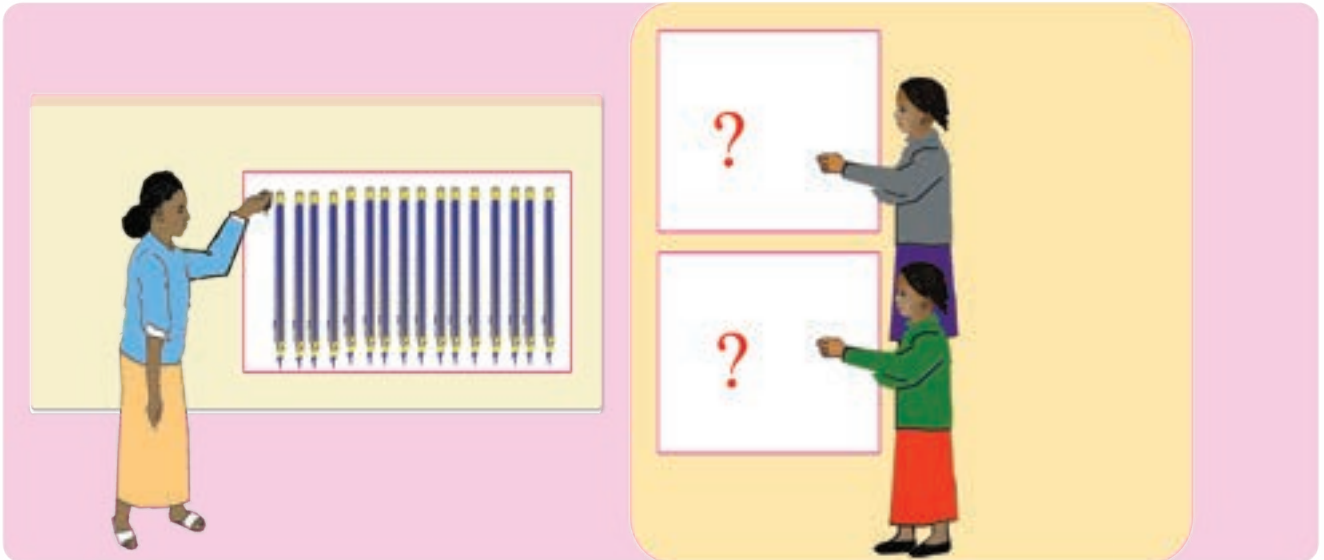
$10 \div 2 = \boxed{?}$

$5 \times 2 = \boxed{?}$

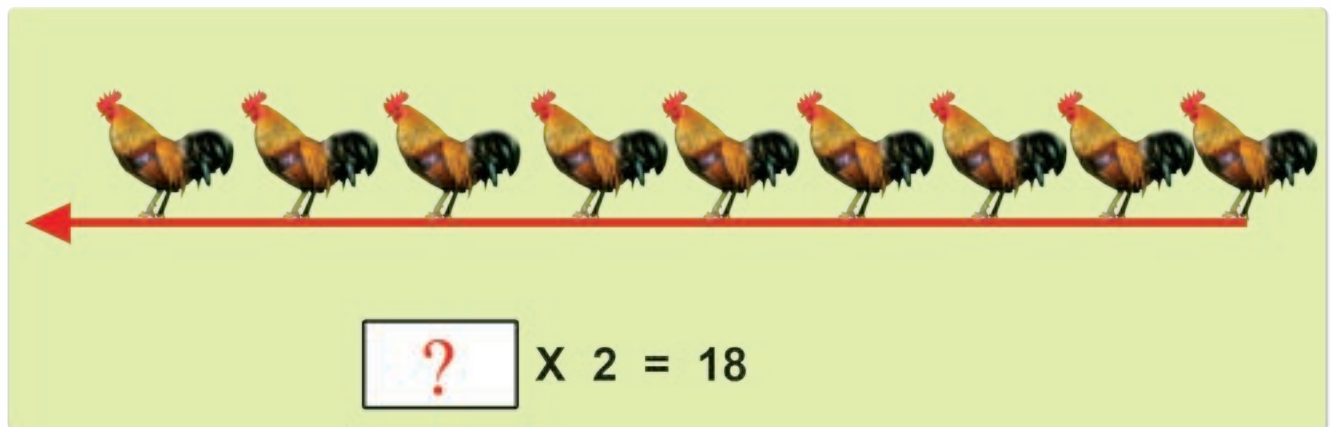
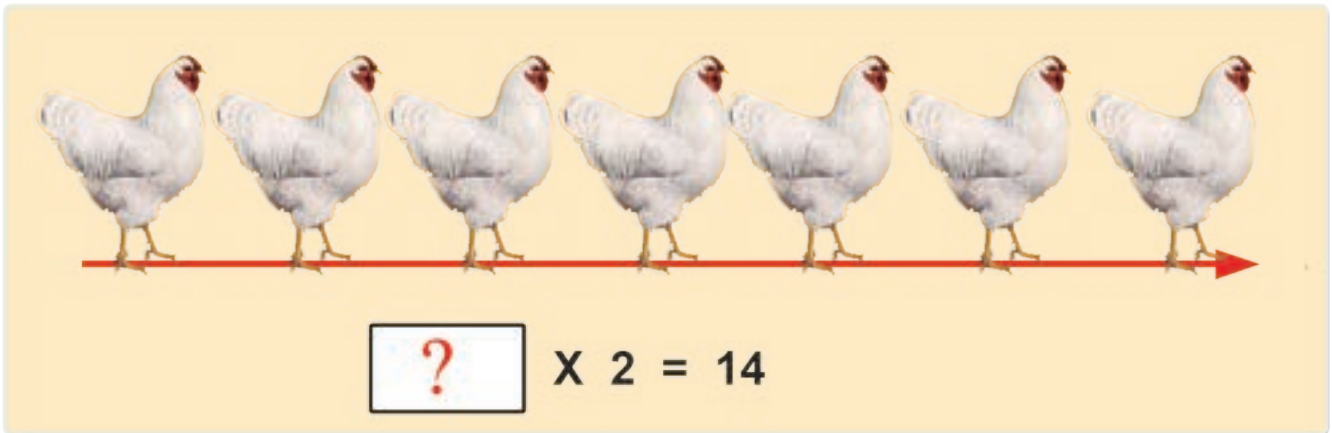




መልመዴ 9 ተደላዩ ቁፅሪ ዕሐፉ።

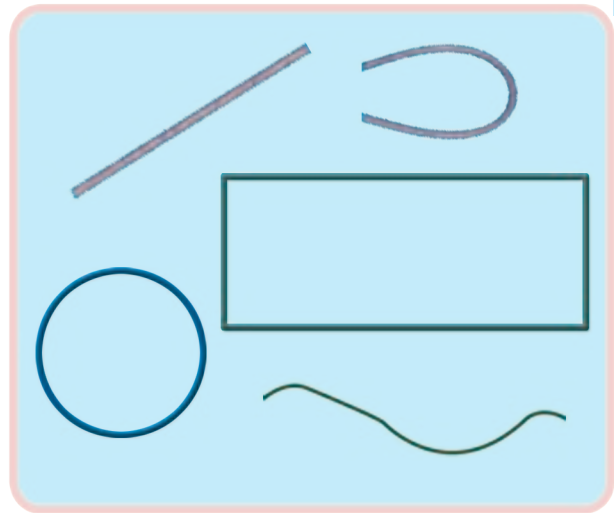


አኢጋሮም ቆዩርኩም ብርባሕ 2 ግለፁ።



ምዕራፍ ሸሞንተ

መስመርን ቀለልቲ ቅርፅታትን



8.1. ቅኑዕን ልዋይን መስመር

ንጥፊት 1 ነዘም ምስልታት ብምርኣይ ቅኑዕን ልዋይን መስመር ፍለዩ::



ሀ.			
ለ.			
ሐ.			
መ.			
ረ.			



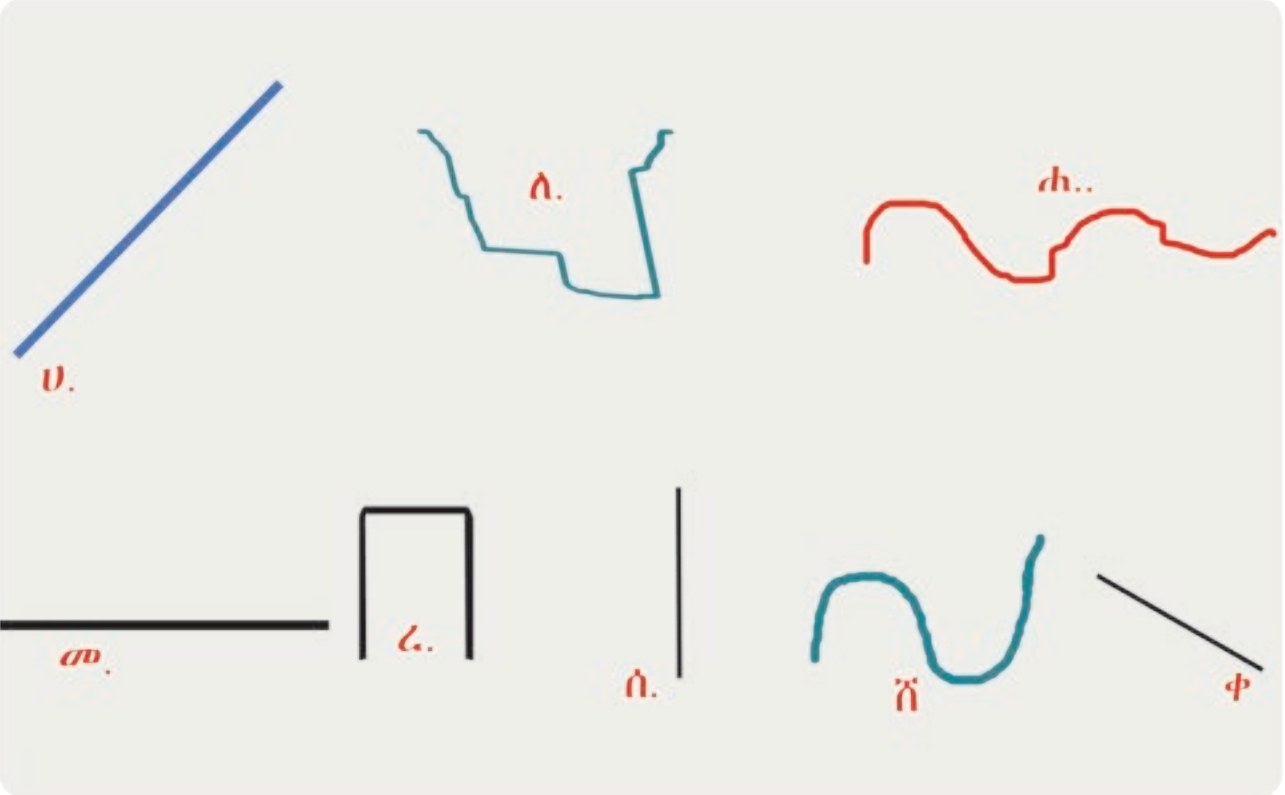
ንጥራት 2 ቅነሶን ልዋይን ዝኾኑ መንገድታት ፍለዩ።





መልመዳ 1

ቅንዕ ወይ ድማ ልዋይ መስመር ፈ.ሊ.ኸ.ም ፈ.ደ.ሎ.ም ፅሓፉ።



ቅንዕ መስመር ዝኾኑ

ሀ

ልዋይ መስመር ዝኾኑ

ለ



መልመዳ 2

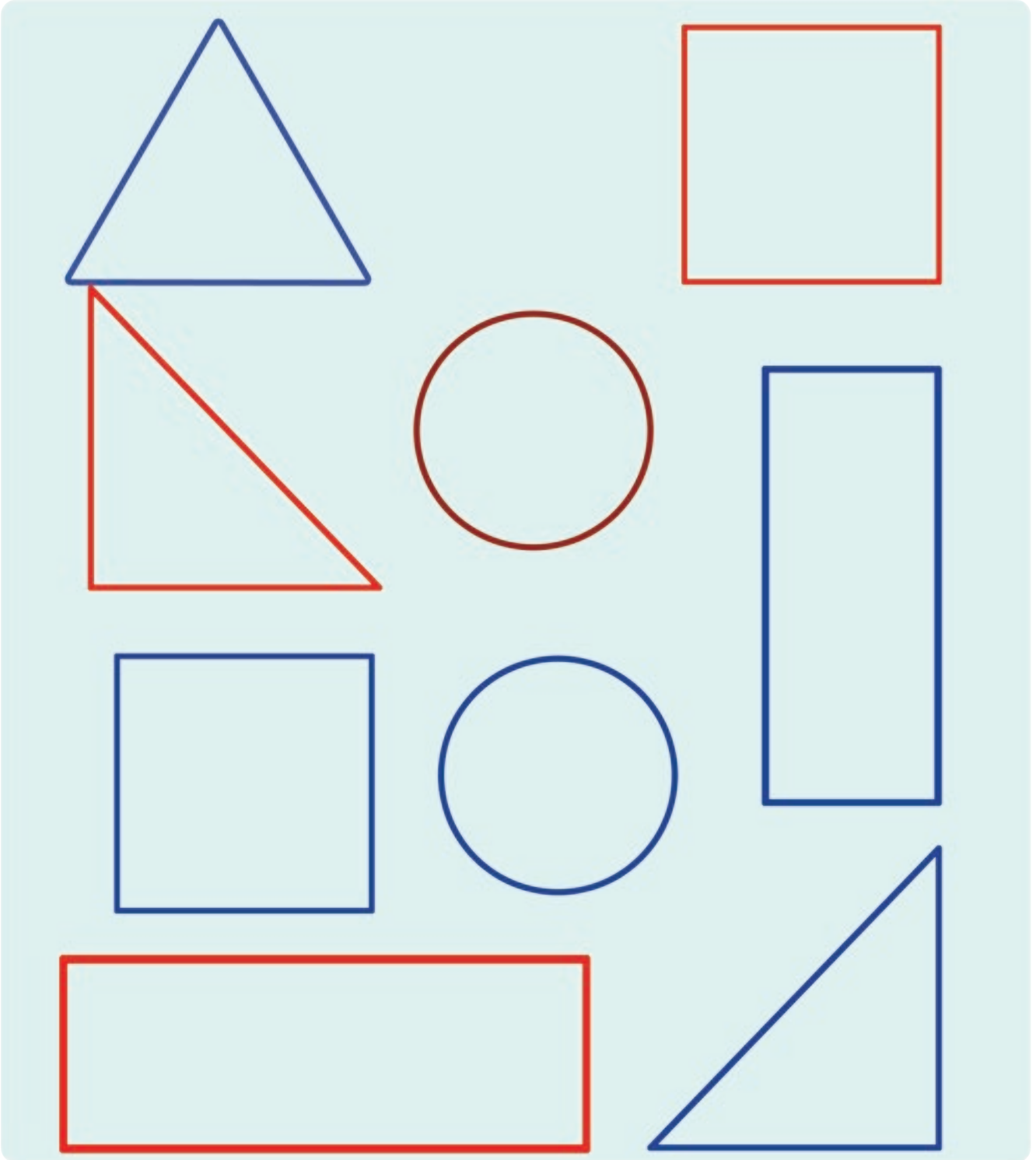
ደንግሳኩም ስካሉ።

ሀ.			
ለ.			
ሐ.			
መ.			
ሰ.			
ረ.			
ሸ.			
ቸ.			



8.2 ቀለልተኛ ቅርፅታት

ንጥራት 3 ዓይነታት ምስል ፍለጽ።

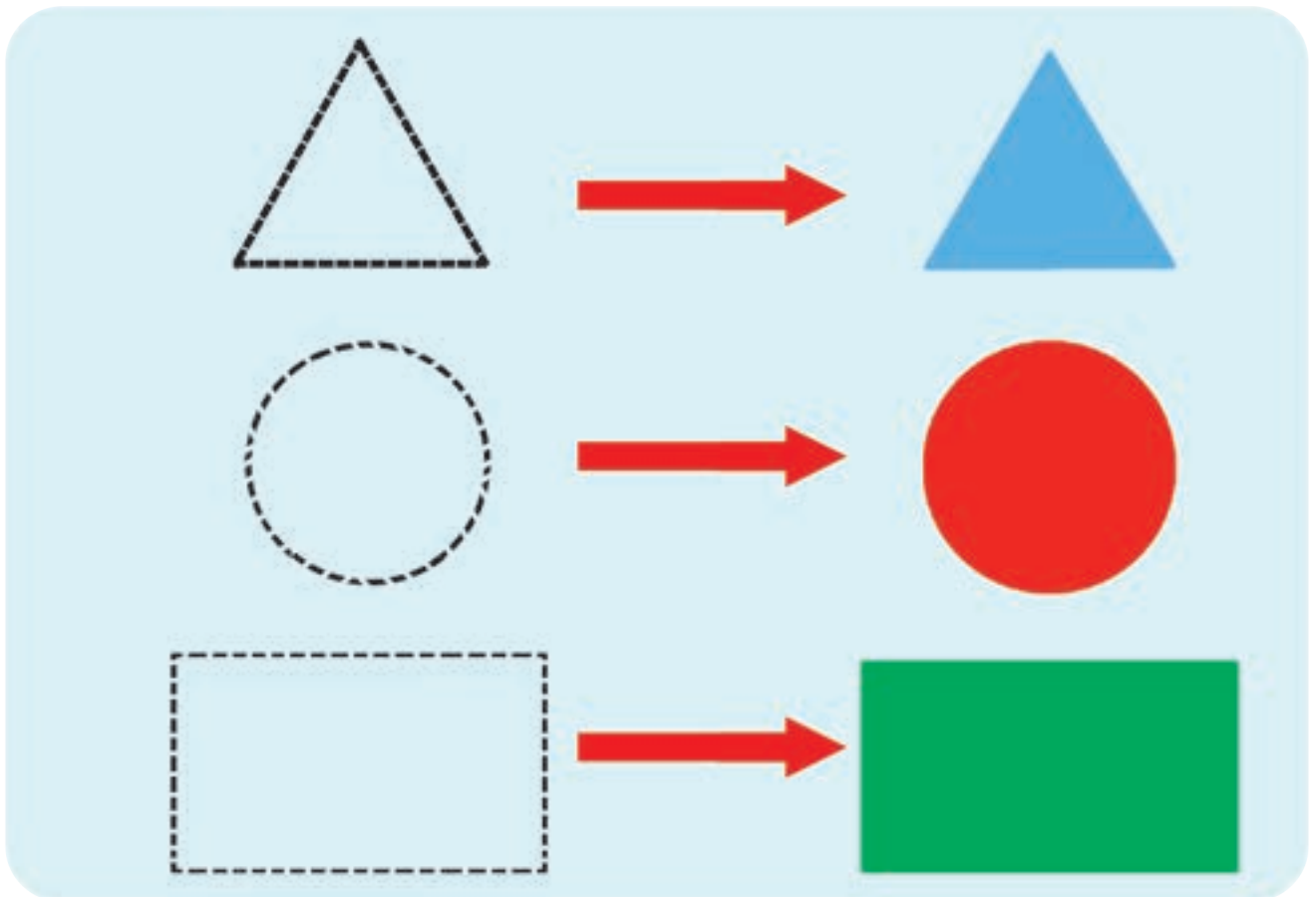




ንጥራት 4 ኣብ ክባቢኹም ብዘለዉ ነገራት ተጠቂምኩም ነዞም ምስልታት ስርሐ።

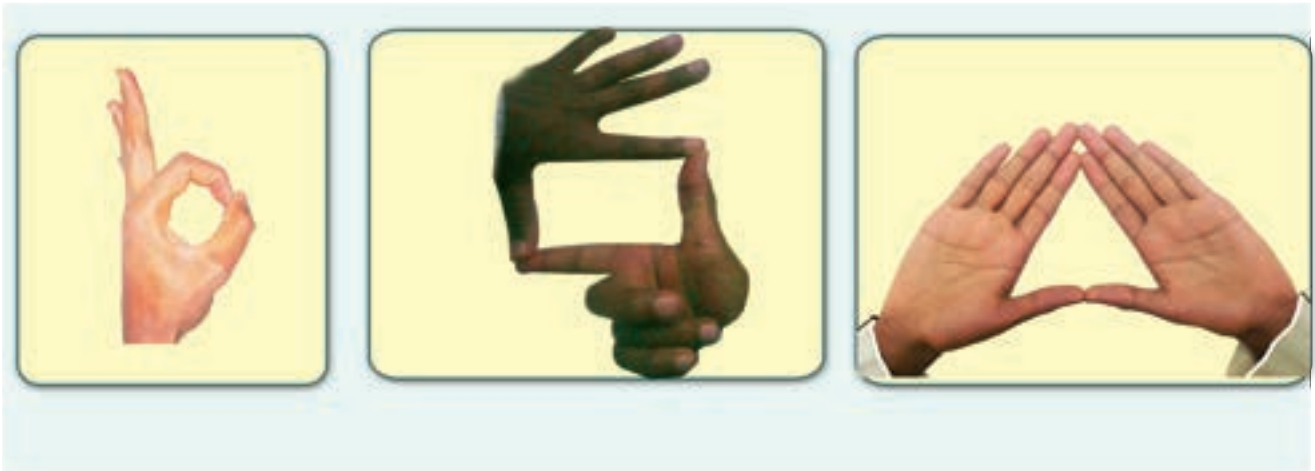


መልመዳ 3 ነዞም ምስልታት ኣብ ደፍተርኩም ስኣሉ።





ንጥራት 5 በዞም ኣፃብዕቲ ዝተሰርሑ ምስልታት ስሞም ግለፁ።



ንጥራት 6 ነዞም ምስልታት በቢ ዓይነቶም ፍለዩ።

ሰ

ሀ

ረ

መ

ሐ

ቀ

ሰ

ስሉስ ኩርናዕ

ሰ

ርቡዕ ኩርናዕ

ክቢ



መለመዱ 4

ነዘም መስመራት ብምርኅብ ስለስ ኩርናዕ፣ ርቡዕ ኩርናዕን ክብን ስኣሉ።

ሀ.			
ለ.			
ሐ.			



ንጥራት 7 ስም ሕድሕድ ምስል ፅሓፉ።

ሀ. ስለ-ስ ኩርናዕ

ለ. ርቡዕ ኩርናዕ

ሐ. _____

መ. _____

ረ. _____

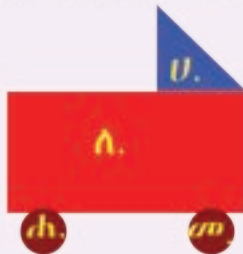
ሰ. _____

ሸ. _____

ቀ. _____

መልመዴ 5

1. ስም ሕድሕድ ፊደላት ዝወክሉ ምስልታት ፅሓፉ።



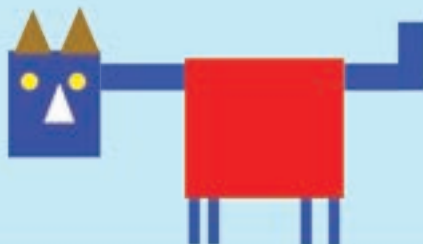
ሀ. _____ ስለ-ስ ኩርናዕ

ሰ. _____

ሐ. _____

መ. _____

2. በዝሐ ምስልታት ፅሓፉ።



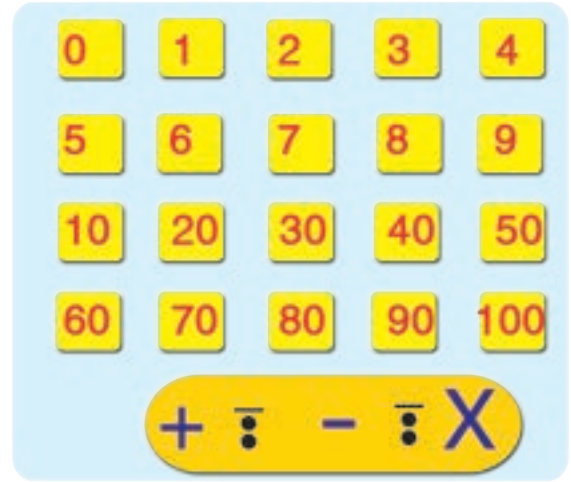
ኣብቲ ምስል ክንደይ ክብታት ኣለዉ? _____

ክንደይ ስለ-ስ ኩርናዕ ኣለዉ? _____

ክንደይ ርቡዕ ኩርናዕ ኣለዉ? _____


ምዕራፍ ትሸዓተ

መሰረታዊ ቁጥሮች
ክፍለ 100




9.1 ርባሕ 10 ክፍለ 100

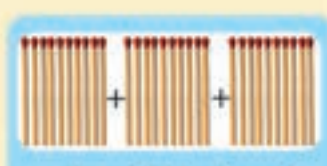
ንጥፈት 1 ዕንጹህ ክፍለ 10 ለምሳሌ ርባሕ 10 ግለጽ።



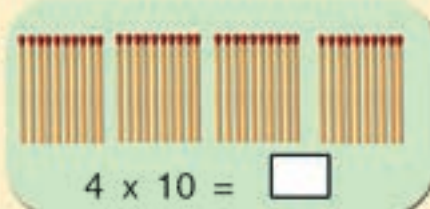
$1 \times 10 = 10$



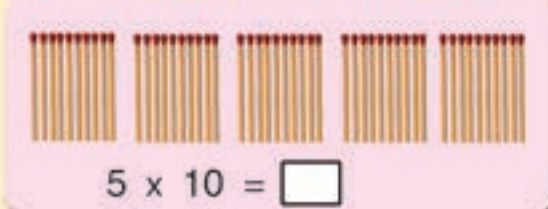
$10 + 10 = 2 \times 10 = \square$



$3 \times 10 = \square$

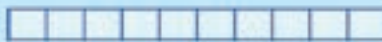
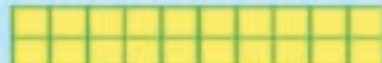
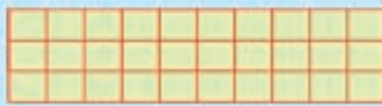
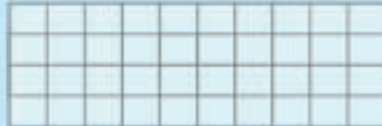


$4 \times 10 = \square$



$5 \times 10 = \square$

መልመዴ 1 ለርባሕ 10 ግለጽ።

	$1 \times 10 = 10$
	$2 \times 10 = 20$
	$\square \times \square = \square$
	$\square \times \square = \square$



ንጥራት 2 አወዳድሩ።

$10 + 10 < 10 + 10 + 10$

$2 \times \square < 3 \times \square$

20 \square 30

$10 + 10 + 10 + 10$ $10 + 10 + 10 + 10 + 10$

$4 \times 10 \square 5 \times 10$

40 \square 50

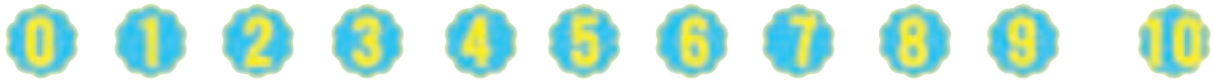
መልመዳ 2 ሀ. ምልክት $<$ $>$ $=$ ተጠቅምኩም አወዳድሩ።

$60 > 40$ $70 \square 80$

$6 > 4$

$6 \times 10 > 4 \times 10$ $90 \square 20$

$50 \square 30$ $40 \square 4 \times 10$



ሲ. ብመራ-ብሕተ: 10 ግለፁ።


6 x 10 = 60


70


80


90


100

መልመዳ 3 ሰደቻ ምምላሽ

1. ብመሰረት ዝተውሃበ ኣብነት ባዶ ቦታ ምልኡ።

10	20	30				70		90	
1X10	2X10	3X10		5X10				9X10	

2. ንጋድም ኣራ-ብሒ።

3 X 10 =

8 X 10 =

5 X 10 =

4 X 10 =

9 X 10 =

7 X 10 =



ንጥረት 3 አባክስ ተጠቂምኩም ደምሩ።

አባክስ

ዓ.ዲ.100	ዓ.ዲ.10	ዓ.ዲ.1
---------	--------	-------

30
+ 10

ስደቻ ምድማር

40 + 20 =

+	ዓ.ዲ.10	ዓ.ዲ.1
	4	0
	2	0
	<input style="width: 40px; height: 20px;" type="text"/>	<input style="width: 40px; height: 20px;" type="text"/>

መልመዲ 4 ደምሩ።

30 + 40 =

60 + 20 =

20 + 70 =

90 + = 100



ንጥራት 4 አባክስ ተጠቂምኩም አጉድሱ።

አባክስ

30
-20
<input type="text"/>

ሰደቻ ምጉዳል

90 - 30 =

	ዓ.ዲ. 10	ዓ.ዲ. 1
9	0	0
3	0	0
<input type="text"/>	<input type="text"/>	<input type="text"/>

መልመዴ 5 አጉድሱ።

40 - 30 =	<input type="text"/>
60 - 20 =	<input type="text"/>
70 - <input type="text"/> =	<input type="text" value="20"/>



መልመዳ 6 ነዞም ዝስዕቡ ቃል ግድላት ብጉጅል ንይዝኩም ስርሑ።

1. ኣብ ሓደ ደንበ 60 ኣላሕም፣ 10 ኣብዑርን 20 ኣጣዑን ኣለዉ። ኣብቲ ደንበ ብጠቓላላ ክንደይ ክፍቲ ኣለዉ?

60
+
10
+
20
=
?

2. ኣብ ሓደ ኣኼባ 50 ደቂ ኣንስትዮን 50 ደቂ ተባዕትዮን እንተልዮም ኣብቲ ኣኼባ ክንደይ ተኣካባይ ኣሎ?

50
+
50
=
?

3. ኣብ ሓደ መምሃሪ ክፍል 40 ተምሃሮ ኣለዉ። ካብዚኦም 30 ኣዋልድ እንተኾይነን ክንደይ ኣወዳት ኣለዉ?

?
+
30
=
40

4. ኣነ ቁፅሪ እየ። 50 እንትውሰኽኒ 90 ይኸውን። ኣነ መን እየ?

?
+
50
=
90



9.2. መብስ ቁፅርታት ካብ 21 ክሳብ 100

ንጥፊት 5 ደምሩ።

$10 + 1 = \square$

$10 + 3 = \square$

$20 + 2 = \square$

$\square + \square = \square$

$\square + \square = \square$

	●●	●●●
ዓዲ 100	ዓዲ 10	ዓዲ 1

$\square + \square = \square$

$2 \times 10 + 3 = 23$

	●●●●	●●●
ዓዲ 100	ዓዲ 10	ዓዲ 1

$\square + \square = \square$

መልመዲ 7 ባዶ ቦታ ምልኡ።

$10 + 9 = \square$

$30 + 7 = \square$

$\square + 60 = \boxed{65}$

$7 + \square = \boxed{97}$



ንጥራት 6 ብድማር በዓል ክልተ ሆሄን በዓል ሓደ ሆሄን ግለፁ።

መልመዲ 8 ዋጋ ሳንዱቕ ድለዩ።

1. $43 = 40 + 3$
2. $59 = \square + \square$
3. $78 = \square + \square$
4. $\square = 80 + 8$
5. $17 = \square + \square$



9.3. ቕደም ስዓብ መሰል ቁጥርታት ክሳብ 100

መልመዳ 9 ብቕደም ስዓብ ዝጎደለ ቁጥሪ ምልኡ።

1.

20			23			26			
----	--	--	----	--	--	----	--	--	--

2.

34			37				41		43
----	--	--	----	--	--	--	----	--	----

3.

49				53					58
----	--	--	--	----	--	--	--	--	----

4.

	57					62			65
--	----	--	--	--	--	----	--	--	----

መልመዳ 10 ብመሰረት ኣብነት ብቕደም ስዓብ ሰርዑ።

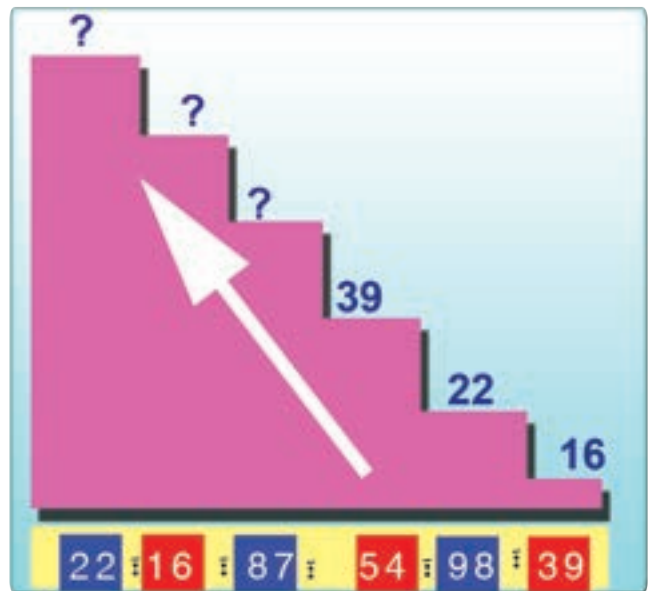
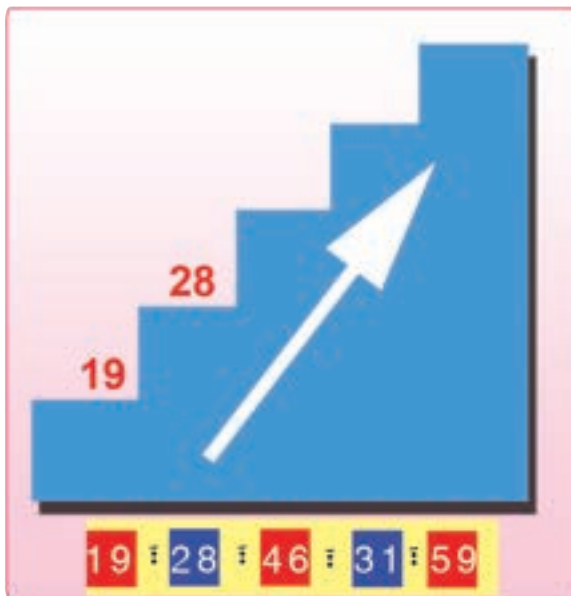
<p>1. 73፣ 72፣ 78፣ 76 72 < 73 < 76 < 78</p>	<p>3. 18፣ 26፣ 19፣ 29፣ 32 _____</p>
<p>2. 31፣ 13፣ 62፣ 27 _____</p>	<p>4. 75፣ 82፣ 99፣ 80 _____</p>



ንጥራት 7 ዝሰደለ ቁፅሪ ምልክቲ።

1	2	3	4	5		7	8	9	10
11	12	13	14	15	16	17	18	19	20
	22	23		25	26	27	28	29	
31	32	33	34	35	36	37	38		40
41		43	44	45	46	47			50
51	52	53	54	55	56			59	
61	62	63	64	65		67	68	69	
71	72	73			76	77	78		80
81	82	83	84	85	86	87	88		90
91		93	94	95		97		99	100

መልመዴ II ካብ ዝነኣሶ ናብ ዝዓበየ ብኸደም ስዓብ ፅሓፉ።





መልመዳ 12

ሀ. ቀዳማይ ቁፅሪ ፅሁፉ።

19	20	?	70	?	85
?	22	?	76	?	62
?	27	?	79	?	40

ለ. ስዓባይ ቁፅሪ ፅሁፉ።

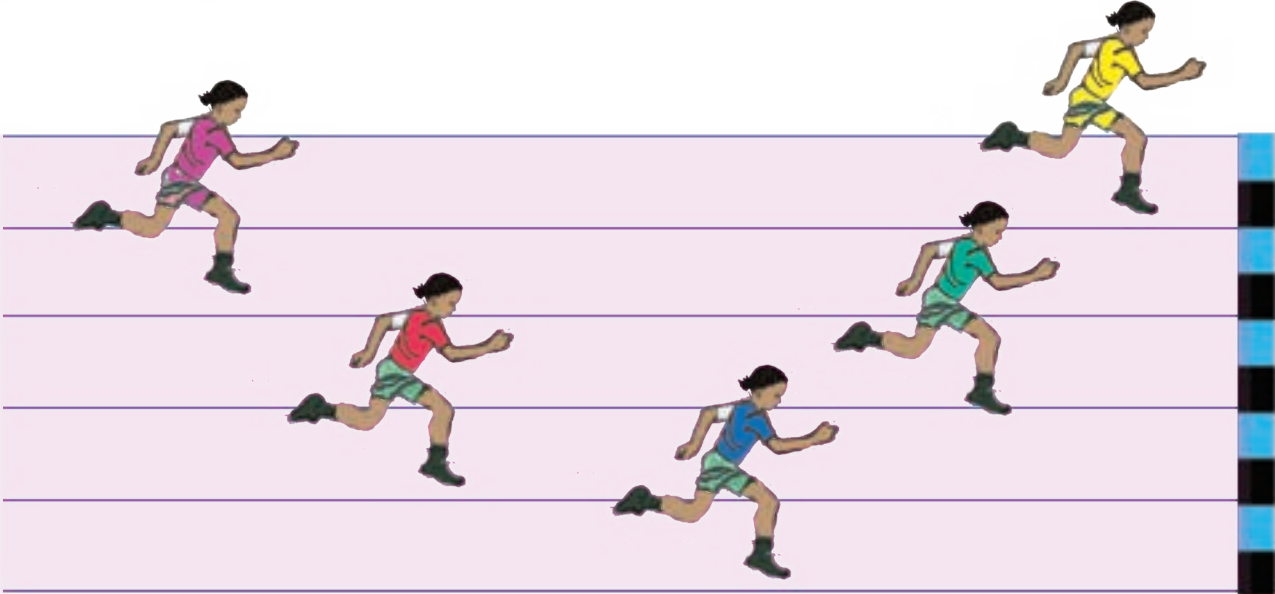
29	30	62	?	94	?
33	?	67	?	55	?
49	?	77	?	69	?

ሐ. ኣብ ማእኸል ዝርከብ ቁፅሪ ፅሁፉ።

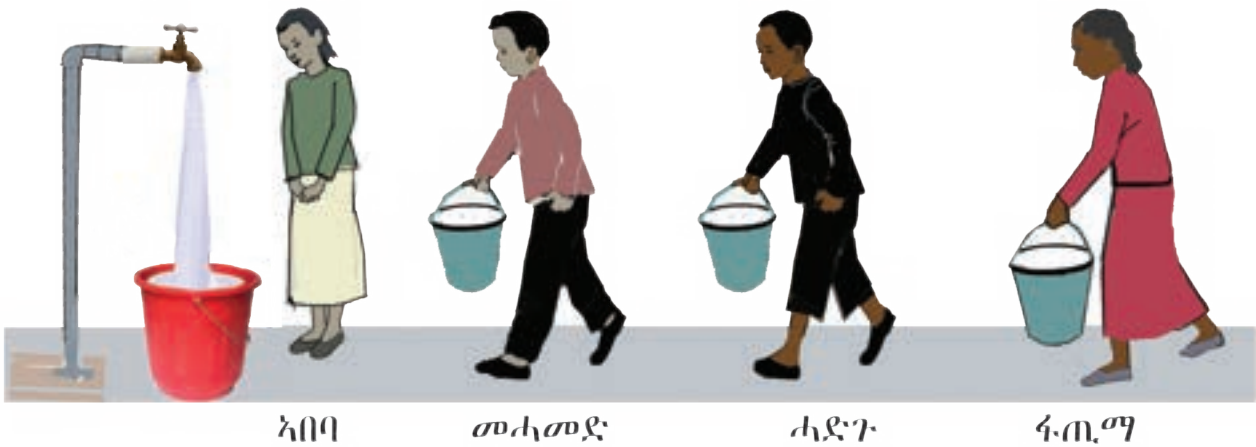
24	25	26	58	?	60	45	?	47
35	?	37	81	?	83	75	?	77
43	?	45	96	?	98	51	?	53



ንጥራት 8 ነቶም ጎዮይቲ ብምፅዛብ ካብ ቀደማይ ክሳብ መወዳእታ ብደረጃ ስርዑ።



መልመዳ 13 ካብ ኣበባ ብምጅማር መስርገም ፅሓፉ።



ኣበባ _____ | (ቀዳመይቲ)

መሓመድ _____

ሓድጉ _____

ፋ.ጢ.ማ _____



9.4. ስርዓት ዋጋ ዓዲ ቁፅርታት ክሳብ 100

ንጥራት 9 ብኣባኸስ ግለፁ።

14		<table border="1"> <tr> <td>ዓዲ 10</td> <td>ዓዲ 1</td> </tr> <tr> <td>1</td> <td></td> </tr> </table>	ዓዲ 10	ዓዲ 1	1	
ዓዲ 10	ዓዲ 1					
1						
23		<table border="1"> <tr> <td>ዓዲ 10</td> <td>ዓዲ 1</td> </tr> <tr> <td></td> <td>3</td> </tr> </table>	ዓዲ 10	ዓዲ 1		3
ዓዲ 10	ዓዲ 1					
	3					
47		<table border="1"> <tr> <td>ዓዲ 10</td> <td>ዓዲ 1</td> </tr> <tr> <td></td> <td></td> </tr> </table>	ዓዲ 10	ዓዲ 1		
ዓዲ 10	ዓዲ 1					

መልመዲ 14 ብምትንታን ብዓድታት ቁፅሪ ግለፁ።

	ቁፅሪ	ዓዲ 10	ዓዲ 1
ብምትንታን	25 = 2X10 + 5	2	5
	96 = 9X10 + 6	9	6

ቁፅሪ	ዓዲ 10	ዓዲ 1
78	7	8
69		
44		
86		

ምዕራፍ ዓስርተ

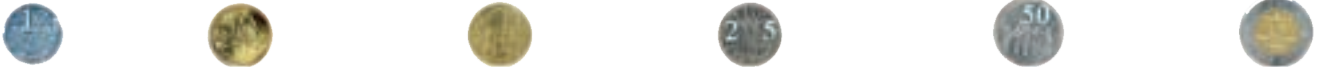
ገንዘብ ኢትዮጵያ



10.1. ሳንቲምን ብርን ኢትዮጵያ

ንጥራት 1 አዛምዱ።





10.2. ርክብ ሳናቲምን ብርን

መልመዳ 1 ደምሩ።

+ = 15 ሳ	+ + = ____ ሳ
+ = ____ ሳ	+ + + = ____ ሳ
+ = ____ ሳ	+ + + + = ____ ሳ
+ = ____ ሳ	

መልመዳ 2 አዛምዱ።



ንጥራት 2 ስም ሕድ ሕድ ብር ተዛረቡ።





መልመዳ 3

ሓጎስ ክንደይ ሳንቲም አለዎ?
 ብዙሓት 5 ሳ ዝሓዘ መን እዩ?
 ብዙሓት 25 ሳ ዝሓዘ መን እዩ?
 10 ሳ ዘይብሉ መን እዩ?
 ብር 1 ዘለዎ መን እዩ?

አበባ

ፊብያ

አሕመድ

ሓጎስ



መልመዳ 4

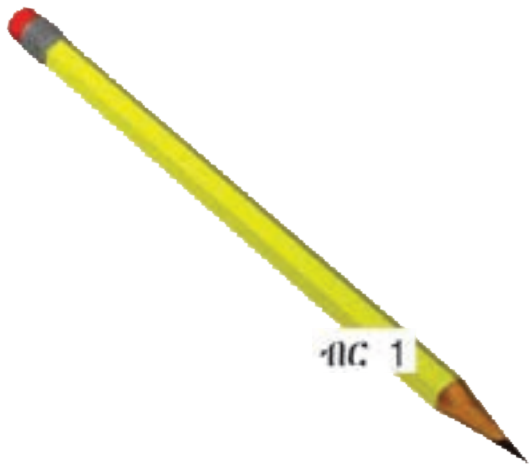
ሀ. ሐደ ደፍተርን ሐደ እርሳስን ብክንደይ ብር ይዕደ? ለ. ዋጋ 3 ደፋትርን 2 ቢሮን ክንደይ እዩ?



ብር 5



ብር 2



ብር 1



ብር 2



ብር 4



50 ሳ

ምዕራፍ ዓስርተ ሓደ

ግዘ



11.1 ኣብ መዓልቲ ዘሎ ግዘ፡፡

ንጥራት 1 ሕድ ሕድ ምስሊ እናረኣኹም ግዘ ግለፁ፡፡





መልመዳ 1 ሰዓት ክንደይ ኮይኑ?



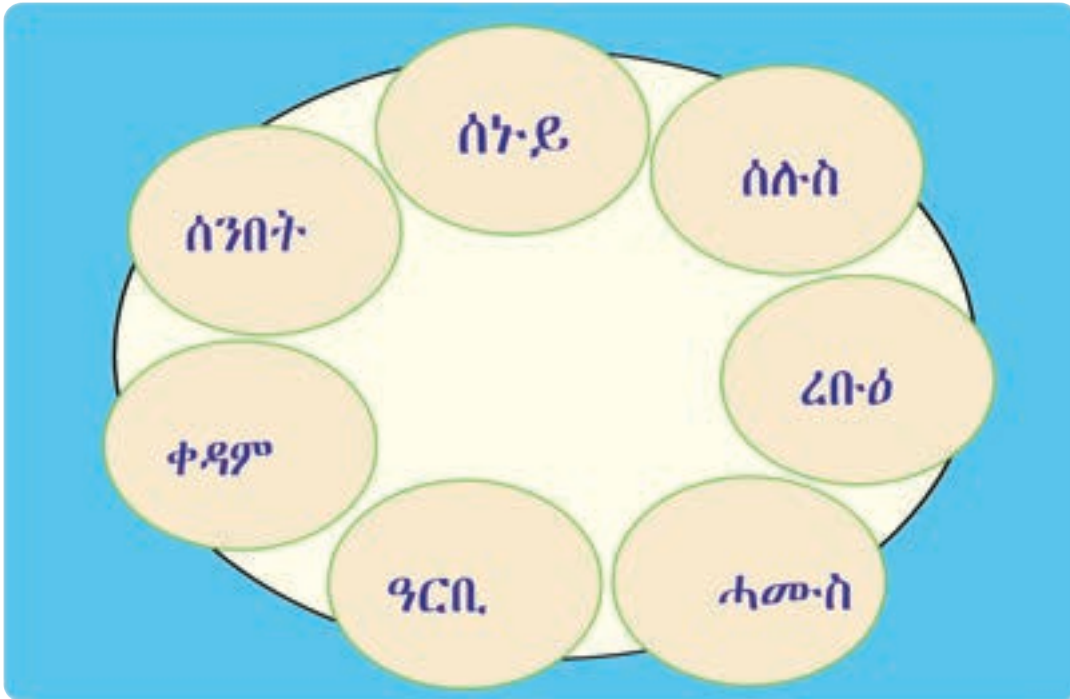
መልመዳ 2 ብስእሊ ሰዓት ግለፁ።

ሰዓት 8 ሰዓት 4 ሰዓት 9 ሰዓት 2

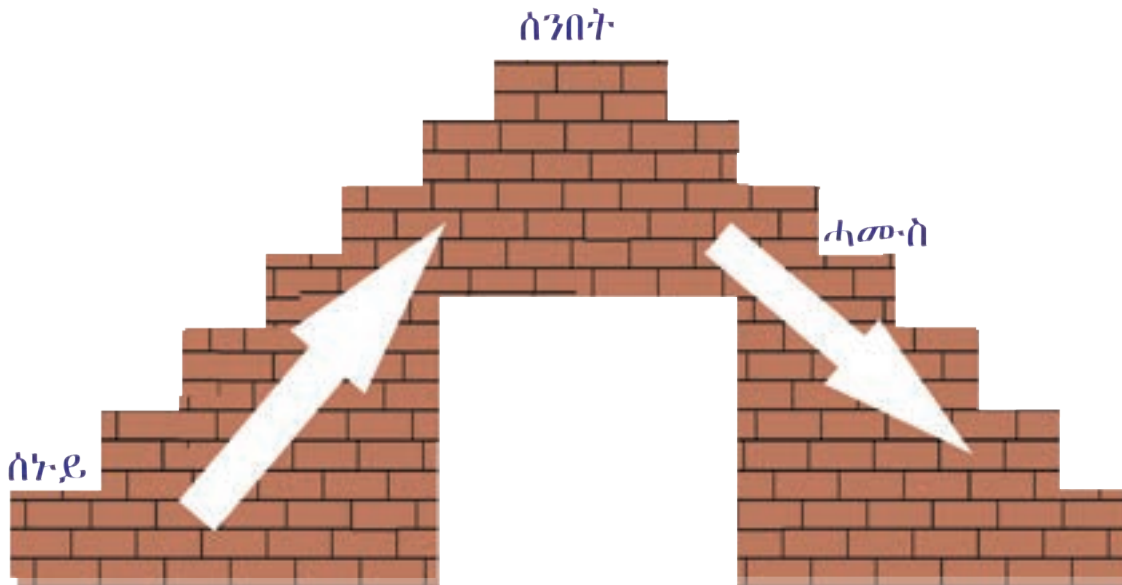


11.2 ኣብ ስሙን ዘለዎ መዓልቲታት

ንጥፈት 2 ናይ ትምህርቲ ናይ መጀመርታ መዓልቲ መን እዩ? ናይ ዕረፍቲ መዓልቲኸ?

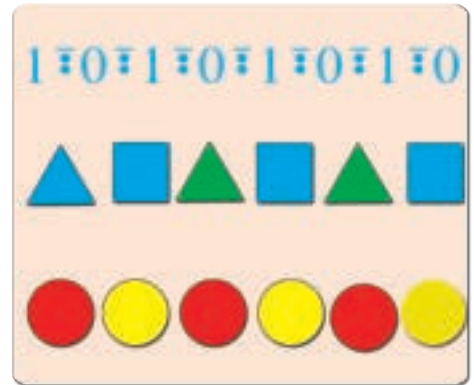


መልመዪ 3 ሕድ ሕድ ደረጃ ዝውክሎ መዓልቲ ብቐደም ሰዓብ ኣቐምጡ።



ምዕራፍ ዓሰርተ ኸልተ

ኣተሓሕዛን ከይዳ. ስርዓትን መረዳኦታ



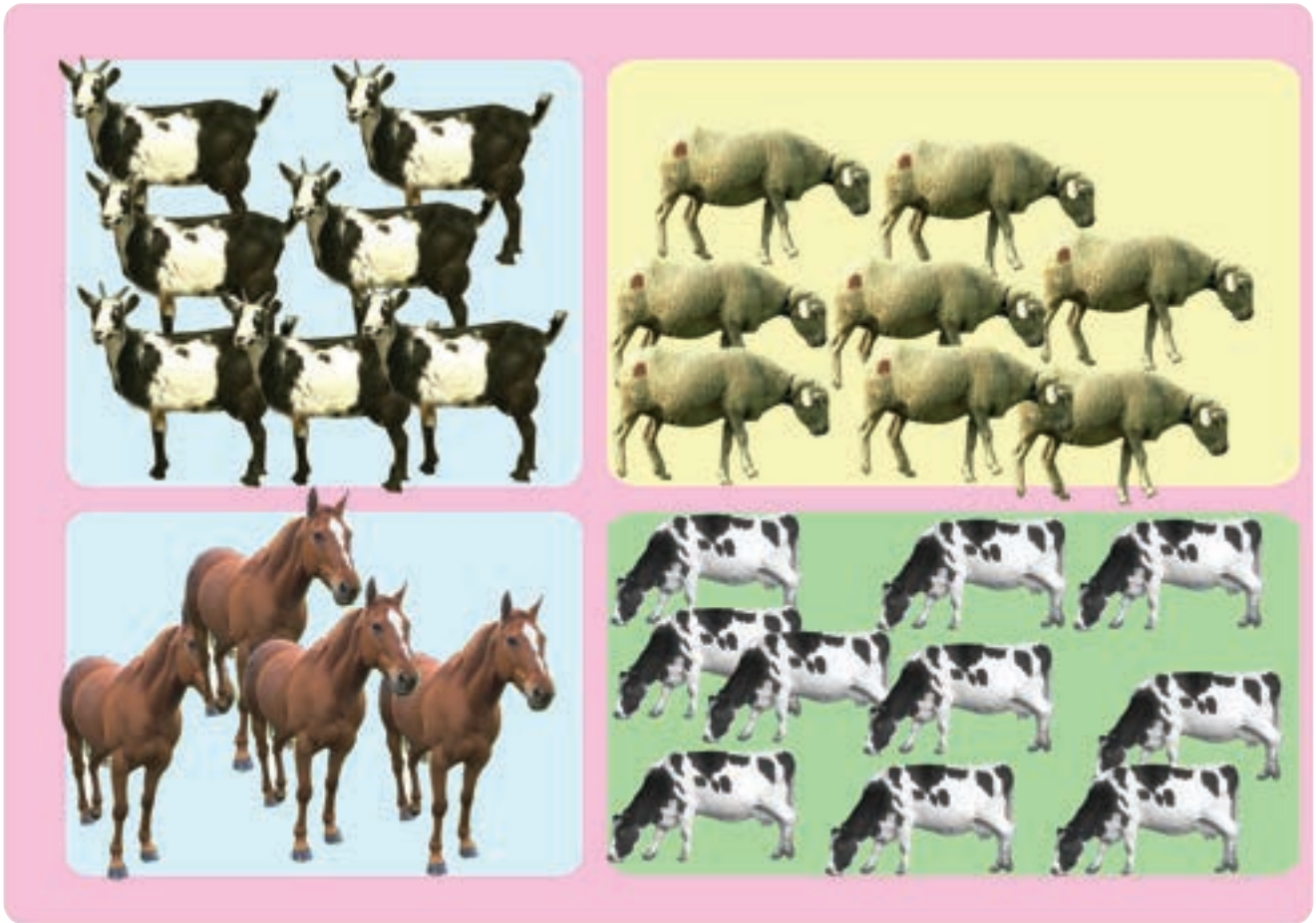
12.1 ቀለልቲ ስእላዊ ግራፋት

ንጥራት 1 ነቶም ምስልታት ብምርኣይ ዕለታዊ ኩነታት ኣየር ግለፁ።



10 100 1000 10000 100000 1000000

ንጥራት 2 በዝሒ እንስሳታት ብሕንጻፅን ብኣሃዝን ግለፁ።`

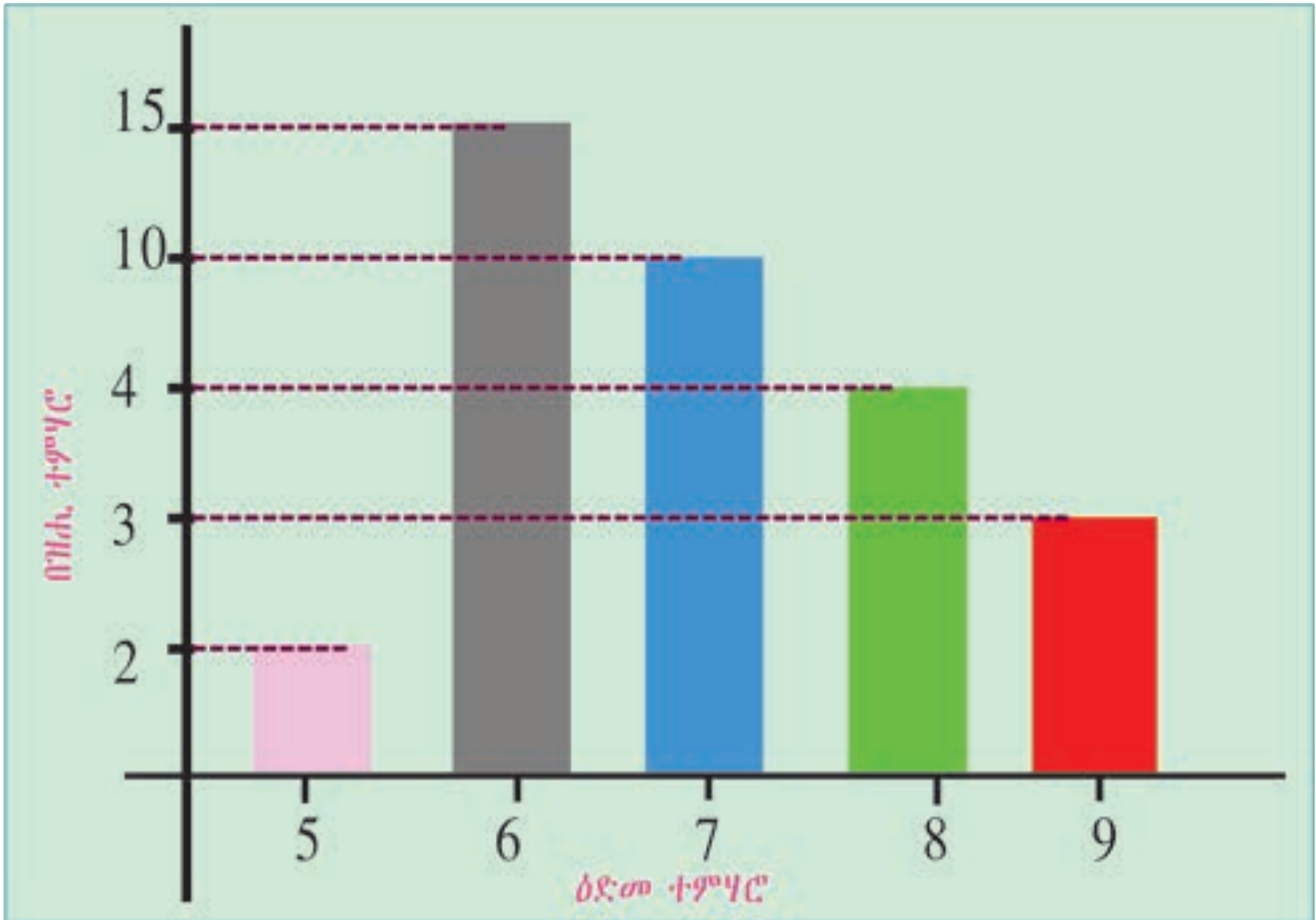


	 ኣጣል	 ኣባጊፅ	 ኣፍራስ	 ኣላሕም
በዝሒ ብሕንጻፅ				
በዝሒ ብኣሃዝ	7			

10 100 1000 10000 100000 1000000 10000000

ንጥራት 3 በዝሐ. 1^ይ ክፍለ. ተምሃሮ ዘርኢ ስእላዊ ግራፍ

ካብ ግራፍ ናብ ሰደቓ ምልኡ።



ዕድሜ	5	6	7	8	9
በዝሐ ብሕንጻዕ					
በዝሐ ብኣሃዝ					

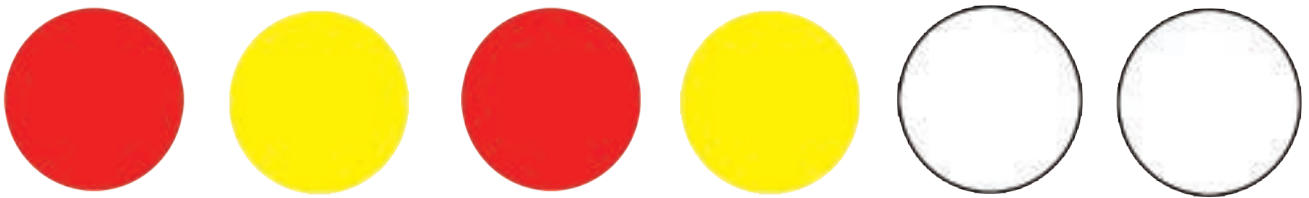
10 100 1000 10000 100000 1000000 10000000

12.2 ቀሊል ክይዳ ስርዓት መረዳኝታ ኣብ ሒሳብ

ንጥራት 4 ብመሰረት ዝተጀመረ መረዳኝታ ነቲ ክይዳ ኣማልኡ።

1፣ 0፣ 1፣ 0፣ 1፣ 0፣ 1፣ 0 _____

2፣ 4፣ 6፣ _____



1፣ 3፣ 5፣ _____

3፣ 6፣ 9፣ _____

