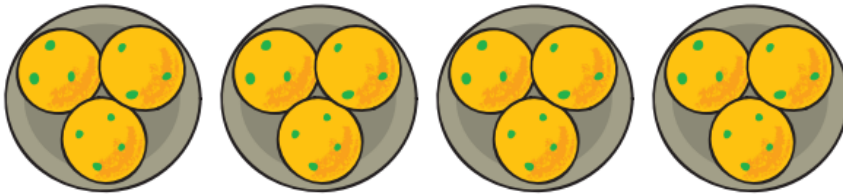


M301f	Explains the meaning of division facts by equal grouping/sharing and finds it by repeated subtraction.
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LEVEL-1

Test item-1: Look at the laddoos given below.



Write true and false.

- (a) There are total 12 laddoos.
- (b) They are in 3 groups.
- (c) There are 3 laddoos in each group.

(a)true

(b)False: there are 4 groups of 3 laddoos each

(c)true

Test item-2: look at the cupcakes given below.



Megha and Mahima wants to share them equally. How many will each get?

Option A: 5

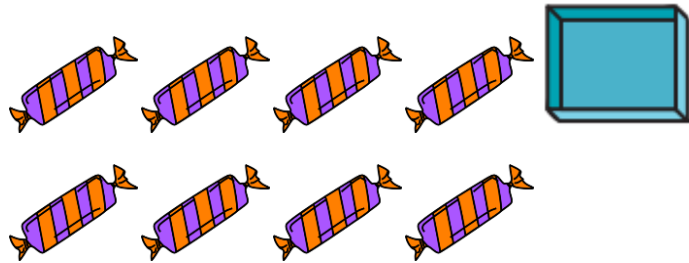
Option B: 3

Option C: 10

Option D: 4

Correct Option: A

Test item-3: Only two candies to be kept in one box.



Total how many boxes do you need for the given toffees?

Option A: 8

Option B: 2

Option C: 3

Option D: 4

Correct Option: D

Test item-4: How many children can wear the shoes?



Option A: 12

Option B: 11

Option C: 8

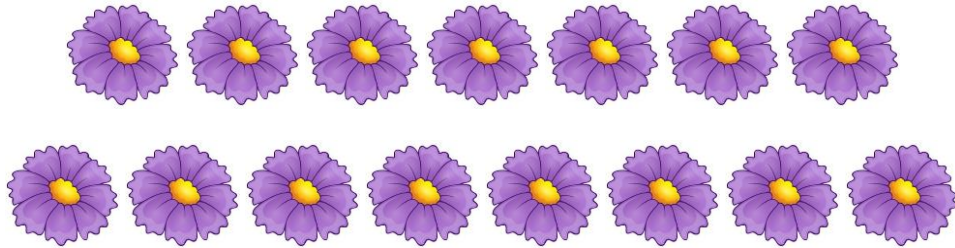
Option D: 9

Correct option: D

Test item-5: You have 24 flowers. Complete the following garlands by drawing flowers if both have equal number of flowers.



Test item-6: Lakshmi has the following flowers. She gives 3 flowers each to her friend.



Maximum number of friends, she can give the flowers is _____

Hints /Solutions:

Total number of flowers = 15

Flowers to each of the friend = 3

There can be 5 groups of 3 flowers each.

So, maximum number of friends, she can give the flowers is **5**.

Test item-7: Look at the leaves given below



Which of the following is true for the above:

Option A: $12 \div 3 = 4$

Option B: $12 \div 2 = 6$

Option C: $12 \div 6 = 2$

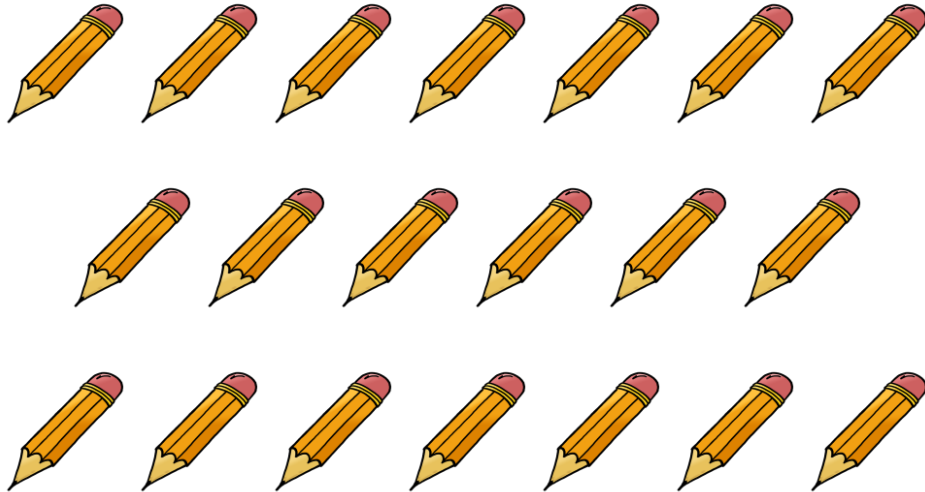
Option D: $12 \div 12 = 1$

Correct option: A

Test item-8: look at the numbers given in the box

$$20 \div 4 = 5$$

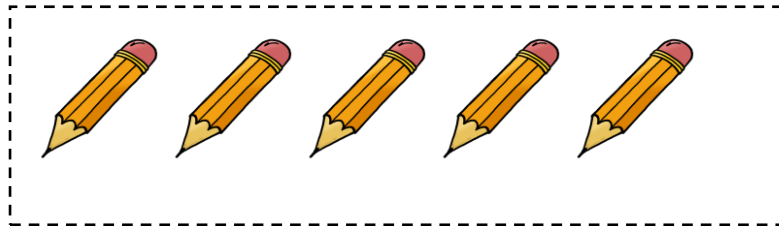
Make groups of pencils to show the above division situation.



Hints/solution:

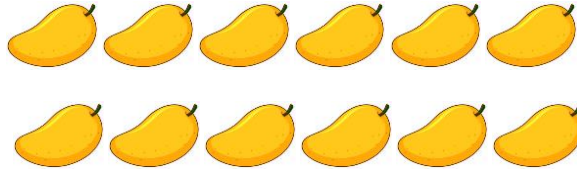
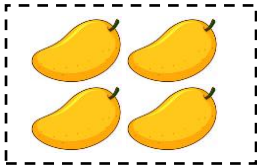
There will be four groups of five pencils each

Four groups like

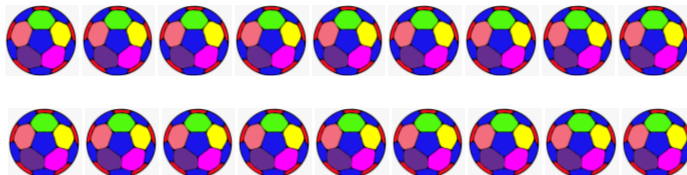
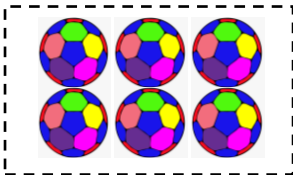


each.

Test item-9: Look at the objects and fill in the blanks. One has been done for you.



$$16 \div 4 = 4$$



$$24 \div 4 = \underline{\hspace{2cm}}$$



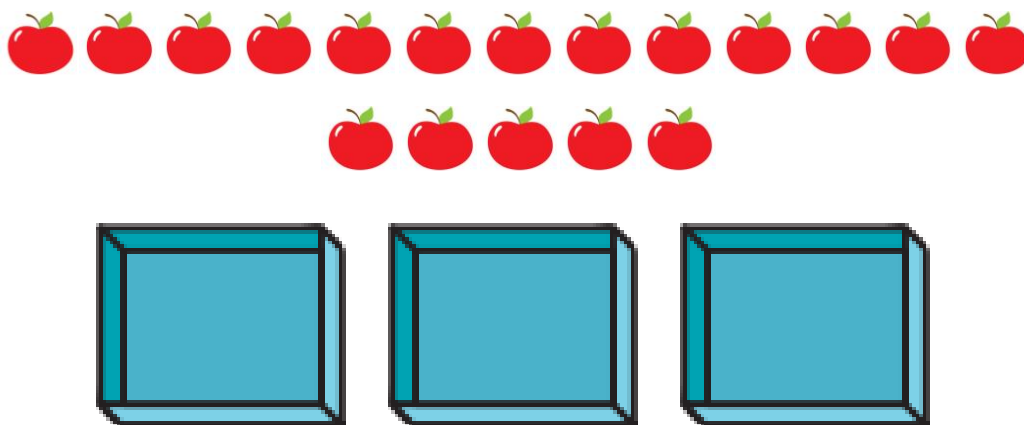
$$32 \div \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

Hints/solution:

$$24 \div 4 = 6$$

$$32 \div 4 = 8$$

Test item-10: Given apples are to be packed in the 3 boxes equally.



Fill in the Blanks.

- (a) Total number of Apples is _____.
- (b) Total Number of Boxes is _____.

$$18 \div \underline{\quad} = \underline{\quad}$$

Hints/ Solution

- (a) Total number of Apples is **18**.
- (b) Total Number of Boxes is **3**.

$$18 \div 3 = 6$$

LEVEL-2

Test item-1: look at the caps given below.



Write number of caps each child will get

- (a) When caps are divided among 3 children.
- (b) When caps are divided among 5 children.
- (c) When caps are divided among 6 children.
- (d) When caps are divided among 10 children.

Hints/ Solution

- (a) 10
- (b) 6
- (c) 5
- (d) 3

Test item-2: Rakulpreet brought home 12 flowers. Which of the following is not a correct way to divide flowers if we want no flowers should be left?

Option A: 6 flowers in 2 bunches

Option B: 4 flowers in 3 bunches

Option C: 5 flowers in 2 bunches

Option D: 3 flowers in 4 bunches

Correct option: (C)

Hints/ Solution

Total flowers	=	12	
1 st bunch of 5 flowers	=	12 - 5	= 7
2 nd bunch of 5 flowers	=	7 - 5	= 2

Because 2 flower left so wrong way of grouping

Test item-3: A teacher has 21 pencils. The pencils have to be divided equally between 5 students. How many pencils would be left over?

Option A: 4

Option B: 21

Option C : 1

Option D: 16

Correct Option : C

Hints/ Solution

Learner will distribute one by one on five places after four times of distribution 1 pencil will be left

Test item-4: Lata has 54 loose beads. She makes some bracelets for her friends using 9 beads for each bracelets?

- a) What is the maximum number of bracelets can she make?
- b) How many beads are left out after making all such bracelets?

Hints/ Solution:

Total number of beads = 54

Number of beads in one group = 9

Total possible bracelets = $54 - 9 = 45$ (Bracelet-1)

$45 - 9 = 36$ (Bracelet -2)

$36 - 9 = 27$ (Bracelet -3)

$27 - 9 = 18$ (Bracelet -4)

$18 - 9 = 9$ (Bracelet -5)

$9 - 9 = 0$ (Bracelet -6)

Total number of Bracelet = 6

Number of beads left = 0

Test item-5: In a class, 5 candies were given to each child. Total 40 candies have been distributed. How many students got the candies?

Hints/ Solution :

$5+5+5+5+5+5+5+5= 40$
Total 8 students got the candies

Test item-6: Pankaj, Rohit and Joseph have 21 marbles altogether. They want to divide marbles.

Who is correct?

Pankaj: If we take 6 marbles each, 3 will be left

Rohit: If we take 7 marbles each, no marbles will be left.

Joseph: I think, Rohit is correct.

Hints/ Solution :

All are correct.

Pankaj: $6+6+6+3 = 21$

Rohit: $7+7+7 = 21$

Test item-7: Tajinder wants to make packets of 9 candies each. He has 70 candies. Which of the following is true?

- (a) He can make maximum of 7 packets.
- (b) He can make maximum of 8 packets.

Hints/ Solution :

Solution: $70 - 9 = 61$ (1st packet)
 $61 - 9 = 52$ (2nd packet)
 $52 - 9 = 43$ (3rd packet)
 $43 - 9 = 34$ (4th packet)
 $34 - 9 = 25$ (5th packet)
 $25 - 9 = 16$ (6th packet)
 $16 - 9 = 7$ (7th packet)

7 will be left.

(a) True (b) False

Test item-8: .Kaku and Raju have 4 coins of ₹ 5. They divided the money equally.
Money each will get is ₹

Hints/ Solution :

Total coins = 4

Coins each will get = 2

Money with one = $2 \times ₹ 5 = ₹ 10$

Test item-9: Cost 3 bags is ₹45. Cost of one bag is ₹.....

Hints/ Solution :

$$45 \div 3 = 15$$

Cost of 1 bag is ₹ 15.

Test item-10: Jannifer takes 10 minutes to make a toy. How many toys she can make in 40 minutes?

Hints/ Solution :

$$40-10= 30 \text{ (1}^{\text{st}} \text{ Round)}$$

$$30-10 = 20 \text{ (2}^{\text{nd}} \text{ Round)}$$

$$20-10 = 10 \text{ (3}^{\text{rd}} \text{ Round)}$$

$$10-10= 0 \text{ (4}^{\text{th}} \text{ Round)}$$