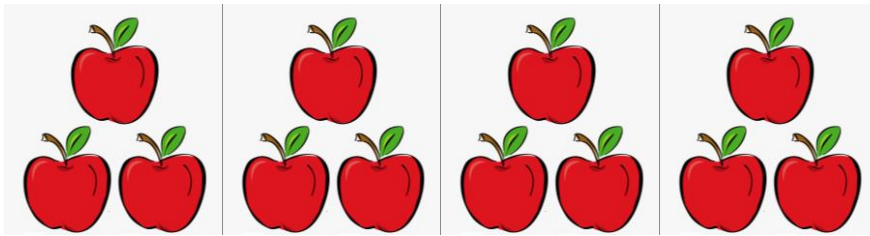


M301d	constructs and uses the multiplication facts (tables) of 2, 3, 4, 5 and 10 in daily life situations
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LEVEL-1

Test item-1: Look at the apples given below:



Select the correct statement for the number of apples shown above.

Option A: 3 groups of 4 apples each

Option B: 3 groups of 3 apples each

Option C: 4 groups of 3 apples each

Option D: 3 groups of 5 apples each

Correct Option: C

Test item-2: Look at the bouquets given below and fill in the blanks.



- (a) There are _____ bouquets.
- (b) There are _____ flowers in one bouquet.
- (c) Total number of flowers altogether is _____

Hints/ Solution :

- (a) There are **3** bouquets.
- (b) There are **7** flowers in one bouquet.
- (c) Total number of flowers altogether is **21**.

Test item-3: Fill in the blanks for the total number of each. One has been done for you.



Total number of mangoes is $5 \times 2 = 10$



Total number of cherries is ____ $\times$ ____ = ____



Total number of bananas is ____ $\times$ ____ = ____



Total number of balloons is ____ $\times$ ____ = ____

Hints/ Solution :

1. $4 \times 4 = 16$
2. $6 \times 3 = 18$
3. $3 \times 9 = 27$

Test item-4: If there are 10 pencils in a box, find total number of pencils in 8 such boxes.

Option A: 10

Option B: 88

Option C: 80

Option D: 8

Correct Option: C

Hints/ Solution :

Total pencils in 8 boxes = $10+10+10+10+10+10+10+10$

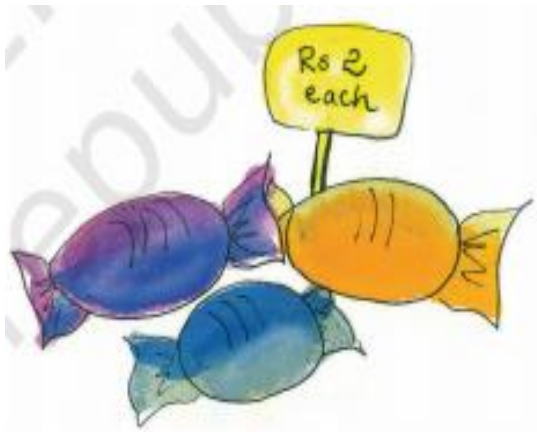
= 80

OR

Total pencils in 8 boxes = 10×8

= 80

Test item-5: Look at the price of each item and write True/false.



- (a) Five toffees cost Rs.(2+2+2+2+2)
- (b) Five toys cost Rs.(5+5+5+5+5).
- (c) Ten toffees cost Rs.10
- (d) Six toys cost Rs. 24

Hints/ Solution :

- (a) True
- (b) False
Cost of five toys = 5×4 or $4+4+4+4+4 = \text{Rs.}20$
- (c) False
Cost of ten toffees = Rs 20(10×2)
- (d) True

Test item-6: Fill in the blanks. One has been done for you.

2×3 means 2 times 3 or $3+3$

- (a) 4×2 means 4 times 2 or
- (b) 3×7 means or $7+7+7$
- (c) 5×3 means timesor
- (d) 6×6 means 6 times 6 or
- (e) means 8 times 3 or $3+3+3+3+3+3+3+3$.

Hints/ Solution :

- (a) $2+2+2+2$
- (b) 3 times 7
- (c) 5 times 3 or $3+3+3+3+3$
- (d) $6+6+6+6+6+6$
- (e) 8×3

Test item-7: Cost of one pen is Rs.8. Find cost of 8 such pens.

Hints/ Solution :

Cost of 8 pens = $8+8+8+8+8+8+8+8$
or 8 times 8
or 8×8
or 64.

Test item-8: Match the Columns:

(a) 3×6	(i) $3+3+3+3+3+3$
(b) 6×3	(ii) $5+5$
(c) 5×2	(iii) $6+6+6$
(d) 2×5	(iv) $2+2+2+2+2$

Option A: (a) (b) (c) (d)
(iii) (i) (iv) (ii)
Option B: (iii) (i) (ii) (iv)
Option C: (i) (iii) (iv) (ii)
Option D: (i) (ii) (iii) (iv)

Correct Option :A

Test item-9: Fill in the boxes.

(a) $10 \times 3 =$

(b) $5 \times$ $= 50$

(c) $9 \times$ $= 18$

(d) $\times 4 = 20$

(e) $\times 2 = 12$

(f) $3 \times 3 =$

(g) $\times 2 = 14$

(h) $\times 1 = 5$

Hints/ Solution :

(a) 30 (b) 10 (c) 2 (d) 5 (e) 6 (f) 9 (g) 7 (h) 5

Test item-10: Radha eats 7 almonds in a day. How many almonds will she eat in 7 days?

Hints/ Solution :

Total almonds in 7 day= $7 \times 7 = 49$

LEVEL-2

Test item-1: There are 8 sweet boxes each having 16 sweets. Which of following is correct way to find total number of sweets?

Option A:

$$\begin{array}{r} 16 \\ \times 8 \\ \hline 128 \end{array}$$

Option B:

$$\begin{array}{r} 16 \\ + 8 \\ \hline 24 \end{array}$$

Option C: $16+16+16+16+16+16+16+16=128$

Option D: Both A and C

Correct Option : D

Hints/ Solution

Repeated addition and standard multiplication both are correct way of solving this question

Test item-2: There are 7 desks in Rihaan's classroom. Each desk has 4 legs. Which of the following will be wrong for the total number of legs of the desks?

Option A: 7×4

Option B: 7 times 4 legs

Option C: $4 + 4 + 4 + 4 + 4 + 4 + 4$

Option D: All are correct

Hints/ Solution

Correct option: D

Test item-3: .Riya has 6 notes of Rs. 10 and Meena has 5 notes of Rs. 5.

Select the correct statement.

- I. Riya has Rs. 60 and Meena has Rs. 25
- II. Riya has Rs. 60 and Meena has Rs. 50
- III. Riya has Rs. 16 and Meena has Rs. 10

Hints/ Solution :

Statement – I is true.

Money Riya has = $6 \times 10 =$ Rs. 60

Money Meena has = $5 \times 5 =$ Rs. 25

Test item-4: Rashi bought 7 packets of candies. Each packet has 5 candies. How many candies did she buy in total?

Hints/ Solution :

Total candies bought = $7 \times 5 = 35$

Test item-5:. Which of the situation can be expressed as 3×4 ?

- I. Rohan eats 3 toffees out of 4.
- II. Rohan bought 4 toffees each, for his 3 friends.

Hints/ Solution :

Situation II can be expressed as 3×4

Test item-6: If you write 8 pages per day, how many pages will you write in 4 days?

Hints/ Solution:

Total pages = $8 \times 4 = 32$

Test item-7: Joe has 3 boxes of 4 laddoos each. He gave two boxes to Jiya?

Solve the following questions.

(a) Number of laddoos Joe left with is.....

(b) Number of laddoos Jiya have is.....

Hints/ Solution :

(a) Box left with Joe is 1

Laddoos in 1 box= 4

Joe left with 4 laddoos

(b) Jiya got two boxes

Laddoos Jiya have = $4 + 4 = 8$

Test item-8: Consider table showing number of balls in 3 boxes.

Box	Number of Balls
A	5
B	8
C	2

Answer the following questions:

- (a) Total balls in 3 boxes of Type A is.....
- (b) Total balls in 2 boxes of Type B is.....
- (c) Total balls in 9 boxes of Type C is.....

Hints/ Solution :

(a) 15

(b)16

(c) 18

Test item-9: Represent the situations in multiplication facts to find the total number of each item. One has been done.

Total number of legs 6 goats have is 6×4

(a) Total number of legs 5 octopus have in

(b) Total cherries on 3 cakes of 2 cherries each.....

(c) Total eggs eaten in 10 days if 5 eaten everyday.....

Hints/ Solution :

(a) 5×8

(b) 3×2

(c) 10×5

Test item-10: Look at the number of students attending different classes.

Classes	Number of Students
Dance	9
Music	8
Painting	5

Box of 10 colour pens was given to every child.

(a) Total boxes distributed in Dance class is

(b) Total number of colour pens students of painting class got altogether is

Hints/ Solution:

(a) $9 \times 1 = 9$

(b) Total number of colour pens distributed = $5 \times 10 = 50$
= 50