

Chap - 6  
Multiples.

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Important facts of multiples are;

- ★ A number is a multiple of itself.
- ★ Every number is a multiple of 1.
- ★ Every multiple of a number is greater than or equal to the number itself.
- ★ There is no end to the multiples you can get of a particular number.

Exercise 6A

1. Find the first 5 multiples of each of the following.

a.  $2 = 2, 4, 6, 8, 10$

b.  $6 = 6, 12, 18, 24, 30$

c.  $7 = 7, 14, 21, 28, 35$



d.  $10 = 10, 20, 30, 40, 50$

e.  $11 = 11, 22, 33, 44, 55$

f.  $13 = 13, 26, 39, 52, 65$

g.  $15 = 15, 30, 45, 60, 75$

h.  $20 = 20, 40, 60, 80, 100$

i.  $25 = 25, 50, 75, 100, 125$

j.  $30 = 30, 60, 90, 120, 150$

k.  $40 = 40, 80, 120, 160, 200$

l.  $50 = 50, 100, 150, 200, 250$

Q. 2 Answer the following in yes or no.

Ans a yes

Ans d. NO

Ans b yes

Ans e NO

Ans c yes

Ans f yes

Q.3 say whether the following are true or false.

Ans a. False

Ans b. True

Ans c. False

Ans d. False



## Exercise 6B .....



### 1 Action Exercise

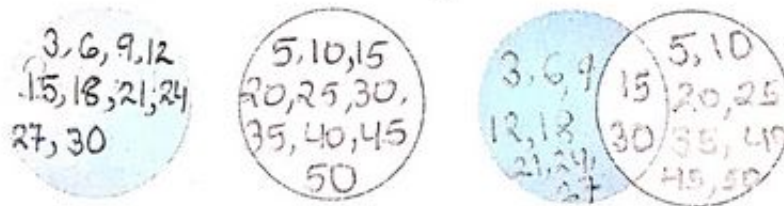
Write out the dates for this month using square-lined paper. Mary goes every third day to walk in the evening. Colour those dates in blue. She goes every fifth day to play badminton in the evening. Colour those dates green. On which dates have you coloured the date twice? What does it tell you?

### 2 Fill in the blanks using multiple or factor: $4 \times 6 = 24$

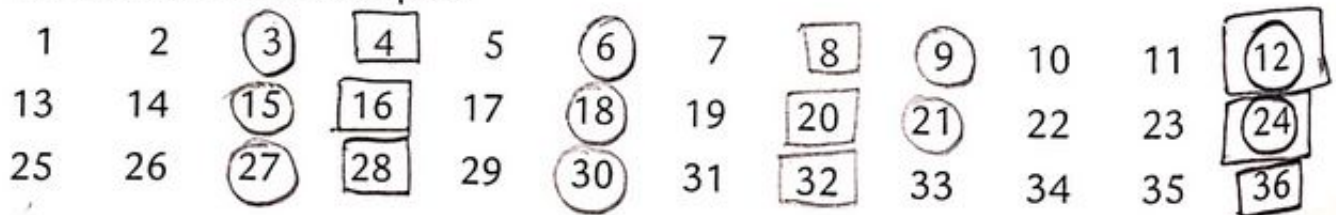
4 is a factor of 24      24 is a multiple of 4

6 is a factor of 24      24 is a multiple of 6

### 3 Write the first 10 multiples of 3 in the blue circle and the first 10 multiples of 5 in the white circle. Rewrite the common multiples of 3 and 5 in the light blue part.

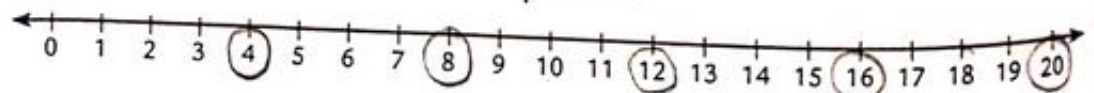


### 4 Ring the numbers that are multiples of 3. Put a square around the multiples of 4. List the common multiples.

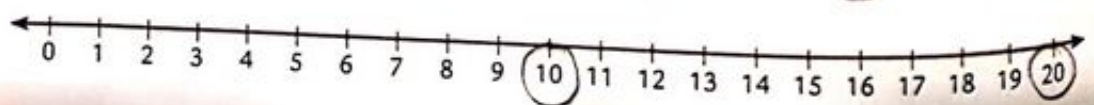


### 5 Use the number line to list the common multiples of:

a 2 and 4



b 2 and 5



### 6 Find the first two common multiples of:

## Exercise 6B

Q.6 Find the first two common multiples of.

a. 5, 6

Ans 30, 60

b. 3, 5

Ans 15, 30

c. 2, 4

Ans 4, 8

d. 6, 3

Ans 6, 12

e. 4, 8

Ans  $\rightarrow$  8, 16

f. 10, 5

Ans 10, 20

Q.7. State whether true or false.

Ans a True      Ans d. True

Ans b False

Ans c False