

Exercise -10 (C)

1. Fill in the blanks:

- a) The multiples of an even number is always even.
- b) The multiple of an odd number may be odd or even.
- c) 0 is ~~the~~ the whole number which is a multiple of every number.
- d) Every number is multiple of 1 and the number itself.
- e) The multiple of any number is infinite.
- f) 18 is a multiple of 3 and 6.
- g) 14 is a multiple of 2 and 7.
- h) 15 is a multiple of 5 and 3.
- i) The next multiple of 4 after 20 is 24.

j) The next multiple of 10 after 50 is 60.

2. Write the next six multiples of the following

a) 3, 6, 9, 12, 15, 18, 21, 24.

b) 4, 8, 12, 16, 20, 24, 28, 32.

3. Find three common multiples of the following.

a) 2 and 5 = 10, 20, 30. (b) 3 and 4 = 12, 24, 36

c) 7 and 3 = 21, 42, 63. (d) 10 and 4 = 20, 40, 60

e) 6 and 8 = 24, 48, 72. (f) 5 and 7 = 35, 70, 105

4. Circle the numbers which are multiples of 4 and cross (X) the multiples of 10. After that write the common multiples of 4 and 10.

(4) (8) ~~10~~ (12) (16) ~~20~~ (24) (28) ~~30~~ (32)

(36) ~~40~~ (44) (48) (52) (56) ~~60~~ (64) (68) (72)

(76) ~~80~~ (84) (88) (92) (96) ~~100~~

Common multiples are: 20, 40, 60, 80, 100

5. Circle the multiples of the following numbers.

6	6, 10, 18, 30, 32, 36, 40, 48, 54, 60
3	18, 19, 21, 24, 28, 30, 31, 34, 36, 42
11	22, 24, 28, 33, 44, 46, 51, 55, 62, 66
15	30, 45, 49, 50, 55, 60, 64, 70, 75, 80, 85