

## Ex 10(c)

1. Fill in the blanks:

- a) The multiples of a even number is always even.
- b) The multiple of an odd number may be odd or even.
- c) 0 is the whole number which is multiple of every number.
- d) Every number is multiple of 1 and itself.
- e) The multiples of any number are infinite.
- f) 18 is multiple of 3 and 6.

g) 14 is 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 multiple 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~~ 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 (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 of 4 and ~~10~~  
~~the multiples of 10~~ are: 20 40  
60 80 100

5) Circle the multiples of the given numbers.

6 | (6), 10, (18), (30), 32, (36), 40, (48), 54, (60),

(72)  
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, <sup>(60)</sup> 64, 70, (75), 80,

(85)