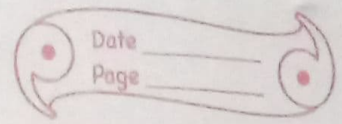


Exercise 10-C



- 1) The multiple of an 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 a 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 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 a) 3, 6, 9, 12, 15, 18, 21, 24

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

3 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

9

(4) (8) ~~12~~ (16) ~~20~~ (24)
(28) ~~32~~ (36) (40) ~~44~~ (48)
(52) (56) ~~60~~ (64) (68)
(72) (76) ~~80~~ (84) (88)
(92) (96) ~~100~~

Common multiples of 4 and 10

are: 20 40 60 80 100

5

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, 60,
64, 70, 75, 80, 85