

17.8.2021

Exercise-10 (C)

1) Fill in the blanks:

a) The multiple of an even number is always even.

b) The multiple of an odd number is 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 or 0.

e) The multiples of 3 and any number are 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 10 after 20 is 30.

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 (circled) 8 (circled) ~~10~~ 12 (circled) 16 (circled) ~~20~~ 24 (circled) 28 (circled) ~~30~~ 32 (circled) 36 (circled) ~~40~~
~~44~~ ~~48~~ 52 (circled) 56 (circled) ~~60~~ 64 (circled) 68 (circled) 72 (circled) 76 (circled) ~~80~~
 84 (circled) 88 (circled) 92 (circled) 96 (circled) ~~100~~

Common multiples of 4 and 10 are:
20, 40, 60, 80, 100

5) Circle the multiples of the given numbers.

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|----|---|
| 6 | 6 (circled), 10, 18 (circled), 30 (circled), 32, 36 (circled), 40, 48 (circled), 54 (circled), 60 (circled), 72 (circled) |
| 3 | 18 (circled), 19, 21 (circled), 24 (circled), 28, 30 (circled), 31, 34 (circled), 36 (circled), 42 |
| 11 | 22 (circled), 24, 28, 33 (circled), 44 (circled), 46, 51, 55 (circled), 62, 66 (circled) |
| 15 | 30 (circled), 45 (circled), 49, 50, 55, 60 (circled), 64, 70, 75 (circled), 80, 85 |