

$$\frac{18}{18} \div \frac{8}{8} = 2$$

2. Fill in the blanks

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

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 a multiple of 1 and the number itself.

e) The multiples of 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 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 the multiples of 10. After that write the common multiples of 4 and 10.

- |               |    |                |               |    |               |    |    |
|---------------|----|----------------|---------------|----|---------------|----|----|
| 4             | 8  | <del>10</del>  | 12            | 16 | <del>20</del> | 24 | 28 |
| <del>30</del> | 32 | 36             | <del>40</del> | 44 | 48            | 52 | 56 |
| <del>60</del> | 64 | 68             | 72            | 76 | <del>80</del> | 84 | 88 |
| 92            | 96 | <del>100</del> |               |    |               |    |    |

Common multiples of 4 and 10 here are -

20, 40, 60, 80 and 100.

5. Circle the multiples of the given numbers.

a. 6 -  $\textcircled{6}$ , 10,  $\textcircled{18}$ ,  $\textcircled{30}$ ,  $\overset{32}{\textcircled{32}}$ ,  $\textcircled{36}$ , 40,  $\textcircled{48}$ ,  $\textcircled{54}$ ,  
 $\textcircled{60}$ ,  $\textcircled{72}$

b. 3 -  $\textcircled{18}$ , 19,  $\textcircled{21}$ ,  $\textcircled{24}$ , 28,  $\textcircled{30}$ , 31, 34,  $\textcircled{36}$ ,  $\textcircled{42}$

c. 11 -  $\textcircled{22}$ , 24, 28,  $\textcircled{33}$ ,  $\textcircled{44}$ , 46, 51,  $\textcircled{55}$ , 62,  $\textcircled{66}$

d. 15 -  $\textcircled{30}$ ,  $\textcircled{45}$ , 49, 50, 55,  $\textcircled{60}$ , 64, 70,  $\textcircled{75}$ , 80, 85