

# Grade:IV Multiples

**Properties of Multiples**

The properties of multiples are discussed step-by-step according to its property.

**Property (1):**

***Every number is a multiple of 1.***

As: 7 x 1 = 7,

9 x 1 = 9,

15 x 1 = 15,

40 x 1 = 40

**Property (2):

*Every number is the multiple of itself.***

As: 1 x 7 = 7,

1 x 21 = 21,

1 x 105 = 105,

1 x 212 = 212

**Property (3):

*Zero (0) is a multiple of every number.***

As: 0 x 9 = 0,

0 x 11 = 0,

0 x 57 = 0,

0 x 275 = 0

**Property (4):

*Every multiple except zero is either equal to or greater than any of its factors.***

As, multiple of 7 = 7, 14, 28, 35, 77, …………., etc.

**Property (5):

*The product of two or more factors is the multiple of each factor.***

As: 3 x 7 = 21,

So, 21 is the multiple of both 3 and 7.

30 = 2 x 3 x 5,

So, 30 is the multiple of 2, 3 and 5.

**Property (6):

*There is no end to multiples of a number.***

As: 5, 10, 15, 20, 25, …………….., 100, 105, 110, …………………., are the multiples of 5.

These are the properties of multiples.