

# 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.