

Multiple

A multiple is a number that is the product of a given number and some other number.

$$6 \times 3 = \textcircled{18}$$

multiple

How To Find the Multiples of a Given Number

Find the multiples of 3:

Think...
 $3 \times 1 = 3$
 $3 \times 2 = 6$
 $3 \times 3 = 9$
 $3 \times 4 = 12$

Answer:
3, 6, 9, 12
are all
multiples of 3.

You can also count by 3 to find multiples 3, 6, 9, 12, 15, 18.

Factor

A factor is a number that is multiplied with another number to get a product.

$$\textcircled{6} \times \textcircled{3} = 18$$

factor factor

How To Find the Factors of a Given Number

Find the factors of 20:

Think... Which numbers can be multiplied together to get a product of 20?

$1 \times 20 = 20$
 $2 \times 10 = 20$
 $4 \times 5 = 20$

Answer:
1, 2, 4, 5, 10, 20
are all factors
of 20.

You can also think what numbers divide evenly into 20 to find the factors.