Name:

Least Common Multiples

Find the least common multiple (LCM) of 2 and 3.

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 14, 16, 18...

The multiples of 3 are: **3**, **6**, **9**, **12**, **15**, **18**....

The common multiples of 2 and 3 are: 6, 12, 18...

The least common multiple of 2 and 3 is 6.



Find the LCM of 3 and 4.

The multiples of 4 are: ____, ____, ____, ____, ____, ____, ____, ____, ____...

The common multiples of 3 and 4 are: ____ and ____

The LCM of 3 and 4 is: _____

Find the LCM.

LCM = _____

LCM = _____

LCM = _____

LCM = LCM =

ANSWER KEY

Least Common Multiples

Find the least common multiple (LCM) of 2 and 3.

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 14, 16, 18...

The multiples of 3 are: 3, 6, 9, 12, 15, 18....

The common multiples of 2 and 3 are: 6, 12, 18...

The least common multiple of 2 and 3 is 6.



Find the LCM of 3 and 4.

The multiples of 3 are: 3, 6, 9, 12, 15, 18, 21, 24, 27...

The multiples of 4 are: 4, 8, 12, 16, 20, 24, 28 ...

The common multiples of 3 and 4 are: 12 and 24

The LCM of 3 and 4 is: 12

Find the LCM.

$$LCM = 14$$

$$LCM = 20$$

$$LCM = 20$$

$$LCM = 30$$

$$LCM = 12$$

$$LCM = 18$$