

Multiples and common multiples

List the multiples of each number and use your lists to find the Lowest Common Multiple (LCM - the lowest multiple shared by both numbers)

e.g. 7 and 3

Multiples of 7: 7, 14, 21, 28, 35, 42, 49

Multiples of 3: 3, 6, 9, 12, 15, 18, 21, 24

LCM of 7 and 3 = 21

1. 3 and 4

Multiples of 3:

Multiples of 4:

LCM of 3 and 4 =

2. 3 and 9

Multiples of 3:

Multiples of 9:

LCM of 3 and 9 =

3. 2 and 5

Multiples of 2:

Multiples of 5:

LCM of 2 and 5 =

4. 8 and 4

Multiples of 8:

Multiples of 4:

LCM of 8 and 4 =

Go For It!

The marine biologists have lost some data. They know that the lowest common multiple of two numbers is 36. If one number is 12, what might the other number be?



Always, sometimes or never?

The largest common factor of two different prime numbers is 1.

Is this statement always true, sometimes true or never true?

Explain your answer.