

Name _____

Least Common Multiple

Find the Least Common Multiple (LCM) for each pair of numbers.

1. Find the LCM of 2 and 3

The multiples of 2 are: 2, 4, 6, 8, 10, 12... The common multiples are: 6, 12...

The multiples of 3 are: 3, 6, 9, 12, 15... What is the LCM? 6

2. Find the LCM of 4 and 12.

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

The multiples of 12 are: 12, 24 What is the LCM? 12

3. Find the LCM of 6 and 12.

The multiples of 6 are: 6, 12, 18, 24 The common multiples are: 12, 24

The multiples of 12 are: 12, 24 What is the LCM? 12

4. Find the LCM of 4 and 6.

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

The multiples of 6 are: 6, 12, 18, 24 What is the LCM? 12

5. Find the LCM of 5 and 15.

The multiples of 5 are: 5, 10, 15, 20, 25, 30 The common multiples are: 15, 30

The multiples of 15 are: 15, 30 What is the LCM? 15

6. Find the LCM of 2 and 5

The multiples of 2 are: 2, 4, 6, 8, 10, 12, 14, 16 The common multiples are: 10, 20

The multiples of 5 are: 5, 10, 15, 20 What is the LCM? 10