

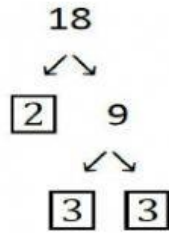
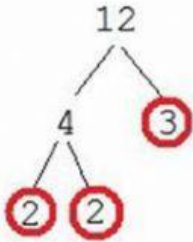
LOWEST COMMON MULTIPLE

Name: _____ Grade: _____ Date: _____

Examples

Find the Lowest Common Multiple of 12 and 18.

The Factor Tree



The Ladder Method

2	12
2	6
3	3
	1

2	18
3	9
3	3
	1

$$12: 2 \times 2 \times 3$$

$$18: 2 \times 3 \times 3$$

$$\text{L.C.M: } 2 \times 2 \times 3 \times 3$$

$$= 36$$

Assignment: Find the Lowest Common Multiple (LCM) of the following set of numbers.

1. 5 and 15

2. 10 and 12

3. 6 and 8

4. 12, 16 and 24

5. 24, 40 and 60

6. 18, 27 and 36