

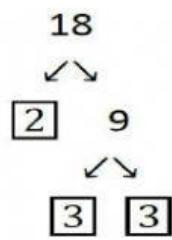
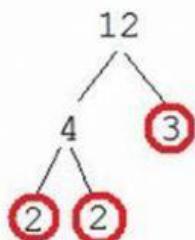
LOWEST COMMON MULTIPLE

Name: _____ Grade: _____ Date: _____

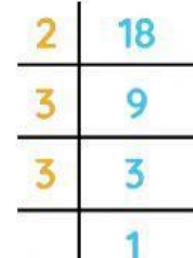
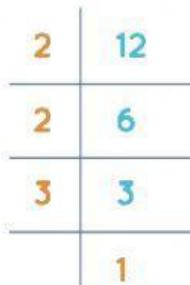
Examples

Find the Lowest Common Multiple of 12 and 18.

The Factor Tree



The Ladder Method



$$\begin{aligned}12 &: 2 \times 2 \times 3 \\18 &: 2 \times 3 \times 3 \\ \text{L.C.M.} &: 2 \times 2 \times 3 \times 3 \\ &= 36\end{aligned}$$

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