

## Least common multiple of 2 numbers (2-200)

---

### Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1)  $\begin{array}{l} 18 \\ 30 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

2)  $\begin{array}{l} 16 \\ 120 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

3)  $\begin{array}{l} 9 \\ 12 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

4)  $\begin{array}{l} 35 \\ 105 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

5)  $\begin{array}{l} 15 \\ 12 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

6)  $\begin{array}{l} 120 \\ 15 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

7)  $\begin{array}{l} 56 \\ 16 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

8)  $\begin{array}{l} 7 \\ 15 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

9)  $\begin{array}{l} 24 \\ 18 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

10)  $\begin{array}{l} 4 \\ 66 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

11)  $\begin{array}{l} 18 \\ 120 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

12)  $\begin{array}{l} 12 \\ 54 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

13)  $\begin{array}{l} 20 \\ 24 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

14)  $\begin{array}{l} 28 \\ 21 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

15)  $\begin{array}{l} 63 \\ 18 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

16)  $\begin{array}{l} 192 \\ 64 \end{array}$  \_\_\_\_\_  
\_\_\_\_\_

## Least common multiple of 2 numbers (2-200)

### Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

$$1) \quad \begin{array}{r} 18 \\ 30 \end{array} \quad \begin{array}{l} \underline{18, 36, 54, 72, 90} \\ \underline{30, 60, 90} \end{array} \quad \underline{90} \quad 2) \quad \begin{array}{r} 16 \\ 120 \end{array} \quad \begin{array}{l} \underline{16, 32, 48, 64, 80, \dots, 240} \\ \underline{120, 240} \end{array} \quad \underline{240}$$

$$3) \quad \begin{array}{r} 9 \\ 12 \end{array} \quad \begin{array}{l} \underline{9, 18, 27, 36} \\ \underline{12, 24, 36} \end{array} \quad \underline{36} \quad 4) \quad \begin{array}{r} 35 \\ 105 \end{array} \quad \begin{array}{l} \underline{35, 70, 105} \\ \underline{105} \end{array} \quad \underline{105}$$

$$5) \quad \begin{array}{r} 15 \\ 12 \end{array} \quad \begin{array}{l} \underline{15, 30, 45, 60} \\ \underline{12, 24, 36, 48, 60} \end{array} \quad \underline{60} \quad 6) \quad \begin{array}{r} 120 \\ 15 \end{array} \quad \begin{array}{l} \underline{120} \\ \underline{15, 30, 45, 60, 75, \dots, 120} \end{array} \quad \underline{120}$$

$$7) \quad \begin{array}{r} 56 \\ 16 \end{array} \quad \begin{array}{l} \underline{56, 112} \\ \underline{16, 32, 48, 64, 80, \dots, 112} \end{array} \quad \underline{112} \quad 8) \quad \begin{array}{r} 7 \\ 15 \end{array} \quad \begin{array}{l} \underline{7, 14, 21, 28, 35, \dots, 105} \\ \underline{15, 30, 45, 60, 75, \dots, 105} \end{array} \quad \underline{105}$$

$$9) \quad \begin{array}{r} 24 \\ 18 \end{array} \quad \begin{array}{l} \underline{24, 48, 72} \\ \underline{18, 36, 54, 72} \end{array} \quad \underline{72} \quad 10) \quad \begin{array}{r} 4 \\ 66 \end{array} \quad \begin{array}{l} \underline{4, 8, 12, 16, 20, \dots, 132} \\ \underline{66, 132} \end{array} \quad \underline{132}$$

$$11) \quad \begin{array}{r} 18 \\ 120 \end{array} \quad \begin{array}{l} \underline{18, 36, 54, 72, 90, \dots, 360} \\ \underline{120, 240, 360} \end{array} \quad \underline{360} \quad 12) \quad \begin{array}{r} 12 \\ 54 \end{array} \quad \begin{array}{l} \underline{12, 24, 36, 48, 60, \dots, 108} \\ \underline{54, 108} \end{array} \quad \underline{108}$$

$$13) \quad \begin{array}{r} 20 \\ 24 \end{array} \quad \begin{array}{l} \underline{20, 40, 60, 80, 100} \\ \underline{24, 48, 72, 96, 120} \end{array} \quad \underline{120} \quad 14) \quad \begin{array}{r} 28 \\ 21 \end{array} \quad \begin{array}{l} \underline{28, 56, 84} \\ \underline{21, 42, 63, 84} \end{array} \quad \underline{84}$$

$$15) \quad \begin{array}{r} 63 \\ 18 \end{array} \quad \begin{array}{l} \underline{63, 126} \\ \underline{18, 36, 54, 72, 90, \dots, 126} \end{array} \quad \underline{126} \quad 16) \quad \begin{array}{r} 192 \\ 64 \end{array} \quad \begin{array}{l} \underline{192} \\ \underline{64, 128, 192} \end{array} \quad \underline{192}$$