



# Least common multiple of 2 numbers (2-30)

## Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

|             |            |
|-------------|------------|
| 1) 10 _____ | 2) 4 _____ |
| 6 _____     | 5 _____    |

|            |             |
|------------|-------------|
| 3) 9 _____ | 4) 30 _____ |
| 15 _____   | 10 _____    |

|            |            |
|------------|------------|
| 5) 9 _____ | 6) 4 _____ |
| 27 _____   | 6 _____    |

|            |             |
|------------|-------------|
| 7) 6 _____ | 8) 12 _____ |
| 9 _____    | 15 _____    |

|             |              |
|-------------|--------------|
| 9) 18 _____ | 10) 16 _____ |
| 4 _____     | 12 _____     |

|             |             |
|-------------|-------------|
| 11) 4 _____ | 12) 2 _____ |
| 7 _____     | 9 _____     |

|             |             |
|-------------|-------------|
| 13) 8 _____ | 14) 6 _____ |
| 6 _____     | 16 _____    |

|             |              |
|-------------|--------------|
| 15) 6 _____ | 16) 27 _____ |
| 24 _____    | 18 _____     |



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Find the least common multiple (LCM).

$$\begin{array}{l} 1) \quad 10 \quad \underline{10, 20, 30} \quad \underline{30} \\ \quad \quad 6 \quad \underline{6, 12, 18, 24, 30} \end{array} \quad \begin{array}{l} 2) \quad 4 \quad \underline{4, 8, 12, 16, 20} \quad \underline{20} \\ \quad \quad 5 \quad \underline{5, 10, 15, 20} \end{array}$$

$$\begin{array}{l} 3) \quad 9 \quad \underline{9, 18, 27, 36, 45} \quad \underline{45} \\ \quad \quad 15 \quad \underline{15, 30, 45} \end{array} \quad \begin{array}{l} 4) \quad 30 \quad \underline{30} \quad \underline{30} \\ \quad \quad 10 \quad \underline{10, 20, 30} \end{array}$$

$$\begin{array}{l} 5) \quad 9 \quad \underline{9, 18, 27} \quad \underline{27} \\ \quad \quad 27 \quad \underline{27} \end{array} \quad \begin{array}{l} 6) \quad 4 \quad \underline{4, 8, 12} \quad \underline{12} \\ \quad \quad 6 \quad \underline{6, 12} \end{array}$$

$$\begin{array}{l} 7) \quad 6 \quad \underline{6, 12, 18} \quad \underline{18} \\ \quad \quad 9 \quad \underline{9, 18} \end{array} \quad \begin{array}{l} 8) \quad 12 \quad \underline{12, 24, 36, 48, 60} \quad \underline{60} \\ \quad \quad 15 \quad \underline{15, 30, 45, 60} \end{array}$$

$$\begin{array}{l} 9) \quad 18 \quad \underline{18, 36} \quad \underline{36} \\ \quad \quad 4 \quad \underline{4, 8, 12, 16, 20, 24, 28, 32, 36} \end{array} \quad \begin{array}{l} 10) \quad 16 \quad \underline{16, 32, 48} \quad \underline{48} \\ \quad \quad 12 \quad \underline{12, 24, 36, 48} \end{array}$$

$$\begin{array}{l} 11) \quad 4 \quad \underline{4, 8, 12, 16, 20, 24, 28,} \quad \underline{28} \\ \quad \quad 7 \quad \underline{7, 14, 21, 28} \end{array} \quad \begin{array}{l} 12) \quad 2 \quad \underline{2, 4, 6, 8, 10, 12, 14, 16, 18} \quad \underline{18} \\ \quad \quad 9 \quad \underline{9, 18} \end{array}$$

$$\begin{array}{l} 13) \quad 8 \quad \underline{8, 16, 24} \quad \underline{24} \\ \quad \quad 6 \quad \underline{6, 12, 18, 24} \end{array} \quad \begin{array}{l} 14) \quad 6 \quad \underline{6, 12, 18, 24, 30, 36, 42, 48} \quad \underline{48} \\ \quad \quad 16 \quad \underline{16, 32, 48} \end{array}$$

$$\begin{array}{l} 15) \quad 6 \quad \underline{6, 12, 18, 24} \quad \underline{24} \\ \quad \quad 24 \quad \underline{24} \end{array} \quad \begin{array}{l} 16) \quad 27 \quad \underline{27, 54} \quad \underline{54} \\ \quad \quad 18 \quad \underline{18, 36, 54} \end{array}$$