



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

## Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

|    |    |       |       |    |     |       |       |
|----|----|-------|-------|----|-----|-------|-------|
| 1) | 18 | _____ | _____ | 2) | 16  | _____ | _____ |
|    | 30 | _____ | _____ |    | 120 | _____ | _____ |

|    |    |       |       |    |     |       |       |
|----|----|-------|-------|----|-----|-------|-------|
| 3) | 9  | _____ | _____ | 4) | 35  | _____ | _____ |
|    | 12 | _____ | _____ |    | 105 | _____ | _____ |

|    |    |       |       |    |     |       |       |
|----|----|-------|-------|----|-----|-------|-------|
| 5) | 15 | _____ | _____ | 6) | 120 | _____ | _____ |
|    | 12 | _____ | _____ |    | 15  | _____ | _____ |

|    |    |       |       |    |    |       |       |
|----|----|-------|-------|----|----|-------|-------|
| 7) | 56 | _____ | _____ | 8) | 7  | _____ | _____ |
|    | 16 | _____ | _____ |    | 15 | _____ | _____ |

|    |    |       |       |     |    |       |       |
|----|----|-------|-------|-----|----|-------|-------|
| 9) | 24 | _____ | _____ | 10) | 4  | _____ | _____ |
|    | 18 | _____ | _____ |     | 66 | _____ | _____ |

|     |     |       |       |     |    |       |       |
|-----|-----|-------|-------|-----|----|-------|-------|
| 11) | 18  | _____ | _____ | 12) | 12 | _____ | _____ |
|     | 120 | _____ | _____ |     | 54 | _____ | _____ |

|     |    |       |       |     |    |       |       |
|-----|----|-------|-------|-----|----|-------|-------|
| 13) | 20 | _____ | _____ | 14) | 28 | _____ | _____ |
|     | 24 | _____ | _____ |     | 21 | _____ | _____ |

|     |    |       |       |     |     |       |       |
|-----|----|-------|-------|-----|-----|-------|-------|
| 15) | 63 | _____ | _____ | 16) | 192 | _____ | _____ |
|     | 18 | _____ | _____ |     | 64  | _____ | _____ |



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Find the least common multiple (LCM).

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

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

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

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

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

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

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

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