



Least common multiple of 2 numbers (2-30)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1) 6 _____	2) 3 _____
21 _____	5 _____

3) 4 _____	4) 3 _____
9 _____	13 _____

5) 11 _____	6) 4 _____
2 _____	12 _____

7) 8 _____	8) 28 _____
12 _____	7 _____

9) 25 _____	10) 30 _____
10 _____	6 _____

11) 6 _____	12) 7 _____
8 _____	3 _____

13) 15 _____	14) 4 _____
6 _____	18 _____

15) 24 _____	16) 9 _____
12 _____	6 _____



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Find the least common multiple (LCM).

$$\begin{array}{l} 1) \quad 6 \quad \underline{6, 12, 18, 24, 30, 36, 42} \quad \underline{42} \\ 21 \quad \underline{21, 42} \end{array} \quad \begin{array}{l} 2) \quad 3 \quad \underline{3, 6, 9, 12, 15} \quad \underline{15} \\ 5 \quad \underline{5, 10, 15} \end{array}$$

$$\begin{array}{l} 3) \quad 4 \quad \underline{4, 8, 12, 16, 20, 24, 28, 32, 36} \quad \underline{36} \\ 9 \quad \underline{9, 18, 27, 36} \end{array} \quad \begin{array}{l} 4) \quad 3 \quad \underline{3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39} \quad \underline{39} \\ 13 \quad \underline{13, 26, 39} \end{array}$$

$$\begin{array}{l} 5) \quad 11 \quad \underline{11, 22} \quad \underline{22} \\ 2 \quad \underline{2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22} \end{array} \quad \begin{array}{l} 6) \quad 4 \quad \underline{4, 8, 12} \quad \underline{12} \\ 12 \quad \underline{12} \end{array}$$

$$\begin{array}{l} 7) \quad 8 \quad \underline{8, 16, 24} \quad \underline{24} \\ 12 \quad \underline{12, 24} \end{array} \quad \begin{array}{l} 8) \quad 28 \quad \underline{28} \quad \underline{28} \\ 7 \quad \underline{7, 14, 21, 28} \end{array}$$

$$\begin{array}{l} 9) \quad 25 \quad \underline{25, 50} \quad \underline{50} \\ 10 \quad \underline{10, 20, 30, 40, 50} \end{array} \quad \begin{array}{l} 10) \quad 30 \quad \underline{30} \quad \underline{30} \\ 6 \quad \underline{6, 12, 18, 24, 30} \end{array}$$

$$\begin{array}{l} 11) \quad 6 \quad \underline{6, 12, 18, 24} \quad \underline{24} \\ 8 \quad \underline{8, 16, 24} \end{array} \quad \begin{array}{l} 12) \quad 7 \quad \underline{7, 14, 21} \quad \underline{21} \\ 3 \quad \underline{3, 6, 9, 12, 15, 18, 21} \end{array}$$

$$\begin{array}{l} 13) \quad 15 \quad \underline{15, 30} \quad \underline{30} \\ 6 \quad \underline{6, 12, 18, 24, 30} \end{array} \quad \begin{array}{l} 14) \quad 4 \quad \underline{4, 8, 12, 16, 20, 24, 28, 32, 36} \quad \underline{36} \\ 18 \quad \underline{18, 36} \end{array}$$

$$\begin{array}{l} 15) \quad 24 \quad \underline{24} \quad \underline{24} \\ 12 \quad \underline{12, 24} \end{array} \quad \begin{array}{l} 16) \quad 9 \quad \underline{9, 18} \quad \underline{18} \\ 6 \quad \underline{6, 12, 18} \end{array}$$