



Lowest common multiple (LCM)

Grade 5 Factoring Worksheet

Find the lowest common multiple.

1) $\begin{array}{r} 20 \\ 8 \end{array}$ _____
 2) $\begin{array}{r} 16 \\ 4 \end{array}$ _____

3) $\begin{array}{r} 15 \\ 20 \end{array}$ _____
 4) $\begin{array}{r} 12 \\ 8 \end{array}$ _____

5) $\begin{array}{r} 14 \\ 3 \end{array}$ _____
 6) $\begin{array}{r} 9 \\ 5 \end{array}$ _____

7) $\begin{array}{r} 12 \\ 3 \end{array}$ _____
 8) $\begin{array}{r} 4 \\ 14 \end{array}$ _____

9) $\begin{array}{r} 6 \\ 9 \end{array}$ _____
 10) $\begin{array}{r} 7 \\ 21 \end{array}$ _____

11) $\begin{array}{r} 8 \\ 3 \end{array}$ _____
 12) $\begin{array}{r} 10 \\ 25 \end{array}$ _____

13) $\begin{array}{r} 24 \\ 9 \end{array}$ _____
 14) $\begin{array}{r} 6 \\ 14 \end{array}$ _____



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Find the lowest common multiple.

$$\begin{array}{l} 1) \quad 20 \quad \underline{20, 40} \quad \underline{40} \\ \quad \quad 8 \quad \underline{8, 16, 24, 32, 40} \end{array} \quad \begin{array}{l} 2) \quad 16 \quad \underline{16} \quad \underline{16} \\ \quad \quad 4 \quad \underline{4, 8, 12, 16} \end{array}$$

$$\begin{array}{l} 3) \quad 15 \quad \underline{15, 30, 45, 60} \quad \underline{60} \\ \quad \quad 20 \quad \underline{20, 40, 60} \end{array} \quad \begin{array}{l} 4) \quad 12 \quad \underline{12, 24} \quad \underline{24} \\ \quad \quad 8 \quad \underline{8, 16, 24} \end{array}$$

$$\begin{array}{l} 5) \quad 14 \quad \underline{14, 28, 42} \quad \underline{42} \\ \quad \quad 3 \quad \underline{3, 6, 9, 12, 15, 18, 21, 24,} \\ \quad \quad \quad \underline{27, 30, 33, 36, 39, 42} \end{array} \quad \begin{array}{l} 6) \quad 9 \quad \underline{9, 18, 27, 36, 45} \quad \underline{45} \\ \quad \quad 5 \quad \underline{5, 10, 15, 20, 25, 30, 35, 40, 45} \end{array}$$

$$\begin{array}{l} 7) \quad 12 \quad \underline{12} \quad \underline{12} \\ \quad \quad 3 \quad \underline{3, 6, 9, 12} \end{array} \quad \begin{array}{l} 8) \quad 4 \quad \underline{4, 8, 12, 16, 20, 24, 28} \quad \underline{28} \\ \quad \quad 14 \quad \underline{14, 28} \end{array}$$

$$\begin{array}{l} 9) \quad 6 \quad \underline{6, 12, 18} \quad \underline{18} \\ \quad \quad 9 \quad \underline{9, 18} \end{array} \quad \begin{array}{l} 10) \quad 7 \quad \underline{7, 14, 21} \quad \underline{21} \\ \quad \quad 21 \quad \underline{21} \end{array}$$

$$\begin{array}{l} 11) \quad 8 \quad \underline{8, 16, 24} \quad \underline{24} \\ \quad \quad 3 \quad \underline{3, 6, 9, 12, 15, 18, 21, 24} \end{array} \quad \begin{array}{l} 12) \quad 10 \quad \underline{10, 20, 30, 40, 50} \quad \underline{50} \\ \quad \quad 25 \quad \underline{25, 50} \end{array}$$

$$\begin{array}{l} 13) \quad 24 \quad \underline{24, 48, 72} \quad \underline{72} \\ \quad \quad 9 \quad \underline{9, 18, 27, 36, 45, 54, 63, 72} \end{array} \quad \begin{array}{l} 14) \quad 6 \quad \underline{6, 12, 18, 24, 30, 36, 42} \quad \underline{42} \\ \quad \quad 14 \quad \underline{14, 28, 42} \end{array}$$