

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.

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

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

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

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

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

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

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