

Lowest common multiple (LCM)

Grade 5 Factoring Worksheet

Find the lowest common multiple.

1) $\begin{array}{l} 9 \\ 24 \end{array}$ _____

2) $\begin{array}{l} 12 \\ 16 \end{array}$ _____

3) $\begin{array}{l} 48 \\ 36 \end{array}$ _____

4) $\begin{array}{l} 81 \\ 54 \end{array}$ _____

5) $\begin{array}{l} 22 \\ 55 \end{array}$ _____

6) $\begin{array}{l} 24 \\ 36 \end{array}$ _____

7) $\begin{array}{l} 72 \\ 18 \end{array}$ _____

8) $\begin{array}{l} 30 \\ 90 \end{array}$ _____

9) $\begin{array}{l} 16 \\ 56 \end{array}$ _____

10) $\begin{array}{l} 10 \\ 18 \end{array}$ _____

11) $\begin{array}{l} 63 \\ 42 \end{array}$ _____

12) $\begin{array}{l} 7 \\ 63 \end{array}$ _____

13) $\begin{array}{l} 18 \\ 54 \end{array}$ _____

14) $\begin{array}{l} 15 \\ 9 \end{array}$ _____

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Find the lowest common multiple.

$$1) \quad \begin{array}{l} 9 \\ 24 \end{array} \quad \begin{array}{l} \underline{9, 18, 27, 36, 45, 54, 63, 72} \\ \underline{24, 48, 72} \end{array} \quad \begin{array}{l} 72 \\ \hline \end{array} \quad 2) \quad \begin{array}{l} 12 \\ 16 \end{array} \quad \begin{array}{l} \underline{12, 24, 36, 48} \\ \underline{16, 32, 48} \end{array} \quad \begin{array}{l} 48 \\ \hline \end{array}$$

$$3) \quad \begin{array}{l} 48 \\ 36 \end{array} \quad \begin{array}{l} \underline{48, 96, 144} \\ \underline{36, 72, 108, 144} \end{array} \quad \begin{array}{l} 144 \\ \hline \end{array} \quad 4) \quad \begin{array}{l} 81 \\ 54 \end{array} \quad \begin{array}{l} \underline{81, 162} \\ \underline{54, 108, 162} \end{array} \quad \begin{array}{l} 162 \\ \hline \end{array}$$

$$5) \quad \begin{array}{l} 22 \\ 55 \end{array} \quad \begin{array}{l} \underline{22, 44, 66, 88, 110} \\ \underline{55, 110} \end{array} \quad \begin{array}{l} 110 \\ \hline \end{array} \quad 6) \quad \begin{array}{l} 24 \\ 36 \end{array} \quad \begin{array}{l} \underline{24, 48, 72} \\ \underline{36, 72} \end{array} \quad \begin{array}{l} 72 \\ \hline \end{array}$$

$$7) \quad \begin{array}{l} 72 \\ 18 \end{array} \quad \begin{array}{l} \underline{72} \\ \underline{18, 36, 54, 72} \end{array} \quad \begin{array}{l} 72 \\ \hline \end{array} \quad 8) \quad \begin{array}{l} 30 \\ 90 \end{array} \quad \begin{array}{l} \underline{30, 60, 90} \\ \underline{90} \end{array} \quad \begin{array}{l} 90 \\ \hline \end{array}$$

$$9) \quad \begin{array}{l} 16 \\ 56 \end{array} \quad \begin{array}{l} \underline{16, 32, 48, 64, 80, 96, 112} \\ \underline{56, 112} \end{array} \quad \begin{array}{l} 112 \\ \hline \end{array} \quad 10) \quad \begin{array}{l} 10 \\ 18 \end{array} \quad \begin{array}{l} \underline{10, 20, 30, 40, 50, 60, 70, 80, 90} \\ \underline{18, 36, 54, 72, 90} \end{array} \quad \begin{array}{l} 90 \\ \hline \end{array}$$

$$11) \quad \begin{array}{l} 63 \\ 42 \end{array} \quad \begin{array}{l} \underline{63, 126} \\ \underline{42, 84, 126} \end{array} \quad \begin{array}{l} 126 \\ \hline \end{array} \quad 12) \quad \begin{array}{l} 7 \\ 63 \end{array} \quad \begin{array}{l} \underline{7, 14, 21, 28, 35, 42, 49, 56, 63} \\ \underline{63} \end{array} \quad \begin{array}{l} 63 \\ \hline \end{array}$$

$$13) \quad \begin{array}{l} 18 \\ 54 \end{array} \quad \begin{array}{l} \underline{18, 36, 54} \\ \underline{54} \end{array} \quad \begin{array}{l} 54 \\ \hline \end{array} \quad 14) \quad \begin{array}{l} 15 \\ 9 \end{array} \quad \begin{array}{l} \underline{15, 30, 45} \\ \underline{9, 18, 27, 36, 45} \end{array} \quad \begin{array}{l} 45 \\ \hline \end{array}$$