



Least common multiple of 2 numbers (2-30)

Grade 6 Factoring Worksheet

Find the least common multiple (LCM).

1. $\begin{array}{l} 2 \\ 6 \end{array}$ _____

2. $\begin{array}{l} 4 \\ 22 \end{array}$ _____

3. $\begin{array}{l} 6 \\ 8 \end{array}$ _____

4. $\begin{array}{l} 18 \\ 7 \end{array}$ _____

5. $\begin{array}{l} 25 \\ 6 \end{array}$ _____

6. $\begin{array}{l} 17 \\ 23 \end{array}$ _____

7. $\begin{array}{l} 6 \\ 24 \end{array}$ _____

8. $\begin{array}{l} 17 \\ 11 \end{array}$ _____

9. $\begin{array}{l} 2 \\ 9 \end{array}$ _____

10. $\begin{array}{l} 15 \\ 27 \end{array}$ _____

11. $\begin{array}{l} 28 \\ 18 \end{array}$ _____

12. $\begin{array}{l} 18 \\ 16 \end{array}$ _____

13. $\begin{array}{l} 4 \\ 5 \end{array}$ _____

14. $\begin{array}{l} 3 \\ 2 \end{array}$ _____

15. $\begin{array}{l} 6 \\ 7 \end{array}$ _____

16. $\begin{array}{l} 14 \\ 26 \end{array}$ _____

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Find the least common multiple (LCM).

$$1. \quad \begin{array}{l} 2 \\ 6 \end{array} \quad \begin{array}{l} \underline{2, 4, 6} \\ \underline{6} \end{array} \quad \underline{6}$$

$$2. \quad \begin{array}{l} 4 \\ 22 \end{array} \quad \begin{array}{l} \underline{4, 8, 12, 16, 20} \\ \underline{22, 44} \end{array} \quad \underline{44}$$

$$3. \quad \begin{array}{l} 6 \\ 8 \end{array} \quad \begin{array}{l} \underline{6, 12, 18, 24} \\ \underline{8, 16, 24} \end{array} \quad \underline{24}$$

$$4. \quad \begin{array}{l} 18 \\ 7 \end{array} \quad \begin{array}{l} \underline{18, 36, 54, 72, 90} \\ \underline{7, 14, 21, 28, 35} \end{array} \quad \underline{126}$$

$$5. \quad \begin{array}{l} 25 \\ 6 \end{array} \quad \begin{array}{l} \underline{25, 50, 75, 100,} \\ \underline{125} \\ \underline{6, 12, 18, 24, 30} \end{array} \quad \underline{150}$$

$$6. \quad \begin{array}{l} 17 \\ 23 \end{array} \quad \begin{array}{l} \underline{17, 34, 51, 68, 85} \\ \underline{23, 46, 69, 92, 115} \end{array} \quad \underline{391}$$

$$7. \quad \begin{array}{l} 6 \\ 24 \end{array} \quad \begin{array}{l} \underline{6, 12, 18, 24} \\ \underline{24} \end{array} \quad \underline{24}$$

$$8. \quad \begin{array}{l} 17 \\ 11 \end{array} \quad \begin{array}{l} \underline{17, 34, 51, 68, 85} \\ \underline{11, 22, 33, 44, 55} \end{array} \quad \underline{187}$$

$$9. \quad \begin{array}{l} 2 \\ 9 \end{array} \quad \begin{array}{l} \underline{2, 4, 6, 8, 10} \\ \underline{9, 18} \end{array} \quad \underline{18}$$

$$10. \quad \begin{array}{l} 15 \\ 27 \end{array} \quad \begin{array}{l} \underline{15, 30, 45, 60, 75} \\ \underline{27, 54, 81, 108,} \\ \underline{135} \end{array} \quad \underline{135}$$

$$11. \quad \begin{array}{l} 28 \\ 18 \end{array} \quad \begin{array}{l} \underline{28, 56, 84, 112,} \\ \underline{140} \\ \underline{18, 36, 54, 72, 90} \end{array} \quad \underline{252}$$

$$12. \quad \begin{array}{l} 18 \\ 16 \end{array} \quad \begin{array}{l} \underline{18, 36, 54, 72, 90} \\ \underline{16, 32, 48, 64, 80} \end{array} \quad \underline{144}$$

$$13. \quad \begin{array}{l} 4 \\ 5 \end{array} \quad \begin{array}{l} \underline{4, 8, 12, 16, 20} \\ \underline{5, 10, 15, 20} \end{array} \quad \underline{20}$$

$$14. \quad \begin{array}{l} 3 \\ 2 \end{array} \quad \begin{array}{l} \underline{3, 6} \\ \underline{2, 4, 6} \end{array} \quad \underline{6}$$

$$15. \quad \begin{array}{l} 6 \\ 7 \end{array} \quad \begin{array}{l} \underline{6, 12, 18, 24, 30} \\ \underline{7, 14, 21, 28, 35} \end{array} \quad \underline{42}$$

$$16. \quad \begin{array}{l} 14 \\ 26 \end{array} \quad \begin{array}{l} \underline{14, 28, 42, 56, 70} \\ \underline{26, 52, 78, 104,} \\ \underline{130} \end{array} \quad \underline{182}$$