



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1. $\begin{array}{r} 10 \\ 45 \end{array}$ _____ —

2. $\begin{array}{r} 30 \\ 3 \end{array}$ _____ —

3. $\begin{array}{r} 28 \\ 35 \end{array}$ _____ —

4. $\begin{array}{r} 15 \\ 10 \end{array}$ _____ —

5. $\begin{array}{r} 21 \\ 49 \end{array}$ _____ —

6. $\begin{array}{r} 36 \\ 46 \end{array}$ _____ —

7. $\begin{array}{r} 39 \\ 18 \end{array}$ _____ —

8. $\begin{array}{r} 45 \\ 36 \end{array}$ _____ —

9. $\begin{array}{r} 38 \\ 2 \end{array}$ _____ —

10. $\begin{array}{r} 12 \\ 27 \end{array}$ _____ —



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Find the greatest common factor of the two numbers shown.

1. $\begin{array}{r} 10 \\ 45 \end{array} \begin{array}{l} \underline{1, 2, 5} \\ \underline{1, 3, 5} \end{array} \quad \underline{5}$ 2. $\begin{array}{r} 30 \\ 3 \end{array} \begin{array}{l} \underline{1, 2, 3} \\ \underline{1, 3} \end{array} \quad \underline{3}$

3. $\begin{array}{r} 28 \\ 35 \end{array} \begin{array}{l} \underline{1, 2, 4, 7} \\ \underline{1, 5, 7} \end{array} \quad \underline{7}$ 4. $\begin{array}{r} 15 \\ 10 \end{array} \begin{array}{l} \underline{1, 3, 5} \\ \underline{1, 2, 5} \end{array} \quad \underline{5}$

5. $\begin{array}{r} 21 \\ 49 \end{array} \begin{array}{l} \underline{1, 3, 7} \\ \underline{1, 7} \end{array} \quad \underline{7}$ 6. $\begin{array}{r} 36 \\ 46 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$

7. $\begin{array}{r} 39 \\ 18 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 2, 3} \end{array} \quad \underline{3}$ 8. $\begin{array}{r} 45 \\ 36 \end{array} \begin{array}{l} \underline{1, 3, 5, 9} \\ \underline{1, 2, 3, 4, 6, 9} \end{array} \quad \underline{9}$

9. $\begin{array}{r} 38 \\ 2 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$ 10. $\begin{array}{r} 12 \\ 27 \end{array} \begin{array}{l} \underline{1, 2, 3} \\ \underline{1, 3} \end{array} \quad \underline{3}$