

Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 96 \\ 90 \end{array}$ _____
2) $\begin{array}{r} 56 \\ 42 \end{array}$ _____

3) $\begin{array}{r} 38 \\ 30 \end{array}$ _____
4) $\begin{array}{r} 55 \\ 60 \end{array}$ _____

5) $\begin{array}{r} 28 \\ 60 \end{array}$ _____
6) $\begin{array}{r} 44 \\ 24 \end{array}$ _____

7) $\begin{array}{r} 63 \\ 78 \end{array}$ _____
8) $\begin{array}{r} 54 \\ 18 \end{array}$ _____

9) $\begin{array}{r} 75 \\ 25 \end{array}$ _____
10) $\begin{array}{r} 33 \\ 88 \end{array}$ _____

11) $\begin{array}{r} 24 \\ 56 \end{array}$ _____
12) $\begin{array}{r} 27 \\ 72 \end{array}$ _____

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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 96 \quad \underline{1, 2, 3, 4, 6} \quad \underline{6} \\ 90 \quad \underline{1, 2, 3, 5, 6} \end{array} \quad \begin{array}{l} 2) \quad 56 \quad \underline{1, 2, 4, 7, 8, 14} \quad \underline{14} \\ 42 \quad \underline{1, 2, 3, 6, 7, 14} \end{array}$$

$$\begin{array}{l} 3) \quad 38 \quad \underline{1, 2} \quad \underline{2} \\ 30 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 4) \quad 55 \quad \underline{1, 5} \quad \underline{5} \\ 60 \quad \underline{1, 2, 3, 4, 5} \end{array}$$

$$\begin{array}{l} 5) \quad 28 \quad \underline{1, 2, 4} \quad \underline{4} \\ 60 \quad \underline{1, 2, 3, 4} \end{array} \quad \begin{array}{l} 6) \quad 44 \quad \underline{1, 2, 4} \quad \underline{4} \\ 24 \quad \underline{1, 2, 3, 4} \end{array}$$

$$\begin{array}{l} 7) \quad 63 \quad \underline{1, 3} \quad \underline{3} \\ 78 \quad \underline{1, 2, 3} \end{array} \quad \begin{array}{l} 8) \quad 54 \quad \underline{1, 2, 3, 6, 9, 18} \quad \underline{18} \\ 18 \quad \underline{1, 2, 3, 6, 9, 18} \end{array}$$

$$\begin{array}{l} 9) \quad 75 \quad \underline{1, 3, 5, 15, 25} \quad \underline{25} \\ 25 \quad \underline{1, 5, 25} \end{array} \quad \begin{array}{l} 10) \quad 33 \quad \underline{1, 3, 11} \quad \underline{11} \\ 88 \quad \underline{1, 2, 4, 8, 11} \end{array}$$

$$\begin{array}{l} 11) \quad 24 \quad \underline{1, 2, 3, 4, 6, 8} \quad \underline{8} \\ 56 \quad \underline{1, 2, 4, 7, 8} \end{array} \quad \begin{array}{l} 12) \quad 27 \quad \underline{1, 3, 9} \quad \underline{9} \\ 72 \quad \underline{1, 2, 3, 4, 6, 8, 9} \end{array}$$