



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 14 \\ 119 \end{array}$ _____
2) $\begin{array}{r} 177 \\ 159 \end{array}$ _____

3) $\begin{array}{r} 75 \\ 55 \end{array}$ _____
4) $\begin{array}{r} 175 \\ 75 \end{array}$ _____

5) $\begin{array}{r} 132 \\ 77 \end{array}$ _____
6) $\begin{array}{r} 95 \\ 100 \end{array}$ _____

7) $\begin{array}{r} 162 \\ 34 \end{array}$ _____
8) $\begin{array}{r} 174 \\ 15 \end{array}$ _____

9) $\begin{array}{r} 88 \\ 136 \end{array}$ _____
10) $\begin{array}{r} 132 \\ 56 \end{array}$ _____

11) $\begin{array}{r} 70 \\ 155 \end{array}$ _____
12) $\begin{array}{r} 77 \\ 56 \end{array}$ _____



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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 14 \quad \underline{1, 2, 7} \quad \underline{7} \\ 119 \quad \underline{1, 7} \end{array} \quad \begin{array}{l} 2) \quad 177 \quad \underline{1, 3} \quad \underline{3} \\ 159 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{l} 3) \quad 75 \quad \underline{1, 3, 5} \quad \underline{5} \\ 55 \quad \underline{1, 5} \end{array} \quad \begin{array}{l} 4) \quad 175 \quad \underline{1, 5, 7, 25} \quad \underline{25} \\ 75 \quad \underline{1, 3, 5, 15, 25} \end{array}$$

$$\begin{array}{l} 5) \quad 132 \quad \underline{1, 2, 3, 4, 6, 11} \quad \underline{11} \\ 77 \quad \underline{1, 7, 11} \end{array} \quad \begin{array}{l} 6) \quad 95 \quad \underline{1, 5} \quad \underline{5} \\ 100 \quad \underline{1, 2, 4, 5} \end{array}$$

$$\begin{array}{l} 7) \quad 162 \quad \underline{1, 2} \quad \underline{2} \\ 34 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 8) \quad 174 \quad \underline{1, 2, 3} \quad \underline{3} \\ 15 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{l} 9) \quad 88 \quad \underline{1, 2, 4, 8} \quad \underline{8} \\ 136 \quad \underline{1, 2, 4, 8} \end{array} \quad \begin{array}{l} 10) \quad 132 \quad \underline{1, 2, 3, 4} \quad \underline{4} \\ 56 \quad \underline{1, 2, 4} \end{array}$$

$$\begin{array}{l} 11) \quad 70 \quad \underline{1, 2, 5} \quad \underline{5} \\ 155 \quad \underline{1, 5} \end{array} \quad \begin{array}{l} 12) \quad 77 \quad \underline{1, 7} \quad \underline{7} \\ 56 \quad \underline{1, 2, 4, 7} \end{array}$$