

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.

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

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

$$3) \quad \begin{array}{r} 75 \\ 55 \end{array} \quad \begin{array}{l} \underline{1, 3, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

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

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

$$6) \quad \begin{array}{r} 95 \\ 100 \end{array} \quad \begin{array}{l} \underline{1, 5} \\ \underline{1, 2, 4, 5} \end{array} \quad \underline{5}$$

$$7) \quad \begin{array}{r} 162 \\ 34 \end{array} \quad \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$$

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

$$9) \quad \begin{array}{r} 88 \\ 136 \end{array} \quad \begin{array}{l} \underline{1, 2, 4, 8} \\ \underline{1, 2, 4, 8} \end{array} \quad \underline{8}$$

$$10) \quad \begin{array}{r} 132 \\ 56 \end{array} \quad \begin{array}{l} \underline{1, 2, 3, 4} \\ \underline{1, 2, 4} \end{array} \quad \underline{4}$$

$$11) \quad \begin{array}{r} 70 \\ 155 \end{array} \quad \begin{array}{l} \underline{1, 2, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

$$12) \quad \begin{array}{r} 77 \\ 56 \end{array} \quad \begin{array}{l} \underline{1, 7} \\ \underline{1, 2, 4, 7} \end{array} \quad \underline{7}$$