



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 99 \\ 186 \end{array}$ _____
2) $\begin{array}{r} 470 \\ 495 \end{array}$ _____

3) $\begin{array}{r} 418 \\ 385 \end{array}$ _____
4) $\begin{array}{r} 110 \\ 230 \end{array}$ _____

5) $\begin{array}{r} 248 \\ 448 \end{array}$ _____
6) $\begin{array}{r} 235 \\ 65 \end{array}$ _____

7) $\begin{array}{r} 126 \\ 92 \end{array}$ _____
8) $\begin{array}{r} 119 \\ 126 \end{array}$ _____

9) $\begin{array}{r} 270 \\ 385 \end{array}$ _____
10) $\begin{array}{r} 291 \\ 147 \end{array}$ _____

11) $\begin{array}{r} 312 \\ 44 \end{array}$ _____
12) $\begin{array}{r} 270 \\ 448 \end{array}$ _____



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Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 99 \quad \underline{1, 3} \quad \underline{3} \\ 186 \quad \underline{1, 2, 3} \end{array} \quad \begin{array}{l} 2) \quad 470 \quad \underline{1, 2, 5} \quad \underline{5} \\ 495 \quad \underline{1, 3, 5} \end{array}$$

$$\begin{array}{l} 3) \quad 418 \quad \underline{1, 2, 11} \quad \underline{11} \\ 385 \quad \underline{1, 5, 7, 11} \end{array} \quad \begin{array}{l} 4) \quad 110 \quad \underline{1, 2, 5, 10} \quad \underline{10} \\ 230 \quad \underline{1, 2, 5, 10} \end{array}$$

$$\begin{array}{l} 5) \quad 248 \quad \underline{1, 2, 4, 8} \quad \underline{8} \\ 448 \quad \underline{1, 2, 4, 7, 8} \end{array} \quad \begin{array}{l} 6) \quad 235 \quad \underline{1, 5} \quad \underline{5} \\ 65 \quad \underline{1, 5} \end{array}$$

$$\begin{array}{l} 7) \quad 126 \quad \underline{1, 2} \quad \underline{2} \\ 92 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 8) \quad 119 \quad \underline{1, 7} \quad \underline{7} \\ 126 \quad \underline{1, 2, 3, 6, 7} \end{array}$$

$$\begin{array}{l} 9) \quad 270 \quad \underline{1, 2, 3, 5} \quad \underline{5} \\ 385 \quad \underline{1, 5} \end{array} \quad \begin{array}{l} 10) \quad 291 \quad \underline{1, 3} \quad \underline{3} \\ 147 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{l} 11) \quad 312 \quad \underline{1, 2, 3, 4} \quad \underline{4} \\ 44 \quad \underline{1, 2, 4} \end{array} \quad \begin{array}{l} 12) \quad 270 \quad \underline{1, 2} \quad \underline{2} \\ 448 \quad \underline{1, 2} \end{array}$$