

Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) 99 _____
186 _____

2) 470 _____
495 _____

3) 418 _____
385 _____

4) 110 _____
230 _____

5) 248 _____
448 _____

6) 235 _____
65 _____

7) 126 _____
92 _____

8) 119 _____
126 _____

9) 270 _____
385 _____

10) 291 _____
147 _____

11) 312 _____
44 _____

12) 270 _____
448 _____

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Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

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

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

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

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

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

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