

Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 200 \\ 124 \end{array}$ _____ — 2) $\begin{array}{r} 63 \\ 96 \end{array}$ _____ —

3) $\begin{array}{r} 104 \\ 368 \end{array}$ _____ — 4) $\begin{array}{r} 339 \\ 300 \end{array}$ _____ —

5) $\begin{array}{r} 42 \\ 175 \end{array}$ _____ — 6) $\begin{array}{r} 42 \\ 284 \end{array}$ _____ —

7) $\begin{array}{r} 484 \\ 124 \end{array}$ _____ — 8) $\begin{array}{r} 100 \\ 405 \end{array}$ _____ —

9) $\begin{array}{r} 297 \\ 51 \end{array}$ _____ — 10) $\begin{array}{r} 272 \\ 200 \end{array}$ _____ —

11) $\begin{array}{r} 360 \\ 222 \end{array}$ _____ — 12) $\begin{array}{r} 260 \\ 425 \end{array}$ _____ —

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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 200 \quad \underline{1, 2, 4} \\ 124 \quad \underline{1, 2, 4} \end{array} \quad \underline{4} \quad \begin{array}{l} 2) \quad 63 \quad \underline{1, 3} \\ 96 \quad \underline{1, 2, 3} \end{array} \quad \underline{3}$$

$$\begin{array}{l} 3) \quad 104 \quad \underline{1, 2, 4, 8} \\ 368 \quad \underline{1, 2, 4, 8} \end{array} \quad \underline{8} \quad \begin{array}{l} 4) \quad 339 \quad \underline{1, 3} \\ 300 \quad \underline{1, 2, 3} \end{array} \quad \underline{3}$$

$$\begin{array}{l} 5) \quad 42 \quad \underline{1, 2, 3, 6, 7} \\ 175 \quad \underline{1, 5, 7} \end{array} \quad \underline{7} \quad \begin{array}{l} 6) \quad 42 \quad \underline{1, 2} \\ 284 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

$$\begin{array}{l} 7) \quad 484 \quad \underline{1, 2, 4} \\ 124 \quad \underline{1, 2, 4} \end{array} \quad \underline{4} \quad \begin{array}{l} 8) \quad 100 \quad \underline{1, 2, 4, 5} \\ 405 \quad \underline{1, 3, 5} \end{array} \quad \underline{5}$$

$$\begin{array}{l} 9) \quad 297 \quad \underline{1, 3} \\ 51 \quad \underline{1, 3} \end{array} \quad \underline{3} \quad \begin{array}{l} 10) \quad 272 \quad \underline{1, 2, 4, 8} \\ 200 \quad \underline{1, 2, 4, 5, 8} \end{array} \quad \underline{8}$$

$$\begin{array}{l} 11) \quad 360 \quad \underline{1, 2, 3, 4, 5, 6} \\ 222 \quad \underline{1, 2, 3, 6} \end{array} \quad \underline{6} \quad \begin{array}{l} 12) \quad 260 \quad \underline{1, 2, 4, 5} \\ 425 \quad \underline{1, 5} \end{array} \quad \underline{5}$$