

Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 25 \\ 5 \end{array}$ _____

2) $\begin{array}{r} 22 \\ 44 \end{array}$ _____

3) $\begin{array}{r} 44 \\ 33 \end{array}$ _____

4) $\begin{array}{r} 22 \\ 11 \end{array}$ _____

5) $\begin{array}{r} 26 \\ 14 \end{array}$ _____

6) $\begin{array}{r} 45 \\ 50 \end{array}$ _____

7) $\begin{array}{r} 11 \\ 22 \end{array}$ _____

8) $\begin{array}{r} 21 \\ 18 \end{array}$ _____

9) $\begin{array}{r} 15 \\ 6 \end{array}$ _____

10) $\begin{array}{r} 24 \\ 15 \end{array}$ _____

11) $\begin{array}{r} 12 \\ 6 \end{array}$ _____

12) $\begin{array}{r} 35 \\ 7 \end{array}$ _____

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Find the greatest common factor of the two numbers shown.

$$1) \quad \begin{array}{r} 25 \\ 5 \end{array} \begin{array}{l} \underline{1, 5} \\ \underline{1, 5} \end{array} \quad \underline{5} \quad 2) \quad \begin{array}{r} 22 \\ 44 \end{array} \begin{array}{l} \underline{1, 2, 11, 22} \\ \underline{1, 2, 4, 11, 22} \end{array} \quad \underline{22}$$

$$3) \quad \begin{array}{r} 44 \\ 33 \end{array} \begin{array}{l} \underline{1, 2, 4, 11} \\ \underline{1, 3, 11} \end{array} \quad \underline{11} \quad 4) \quad \begin{array}{r} 22 \\ 11 \end{array} \begin{array}{l} \underline{1, 2, 11} \\ \underline{1, 11} \end{array} \quad \underline{11}$$

$$5) \quad \begin{array}{r} 26 \\ 14 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2} \quad 6) \quad \begin{array}{r} 45 \\ 50 \end{array} \begin{array}{l} \underline{1, 3, 5} \\ \underline{1, 2, 5} \end{array} \quad \underline{5}$$

$$7) \quad \begin{array}{r} 11 \\ 22 \end{array} \begin{array}{l} \underline{1, 11} \\ \underline{1, 2, 11} \end{array} \quad \underline{11} \quad 8) \quad \begin{array}{r} 21 \\ 18 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 2, 3} \end{array} \quad \underline{3}$$

$$9) \quad \begin{array}{r} 15 \\ 6 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 2, 3} \end{array} \quad \underline{3} \quad 10) \quad \begin{array}{r} 24 \\ 15 \end{array} \begin{array}{l} \underline{1, 2, 3} \\ \underline{1, 3} \end{array} \quad \underline{3}$$

$$11) \quad \begin{array}{r} 12 \\ 6 \end{array} \begin{array}{l} \underline{1, 2, 3, 4, 6} \\ \underline{1, 2, 3, 6} \end{array} \quad \underline{6} \quad 12) \quad \begin{array}{r} 35 \\ 7 \end{array} \begin{array}{l} \underline{1, 5, 7} \\ \underline{1, 7} \end{array} \quad \underline{7}$$