



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.

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

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

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

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

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

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