



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 7 \\ 28 \end{array}$ _____

2) $\begin{array}{r} 6 \\ 32 \end{array}$ _____

3) $\begin{array}{r} 40 \\ 24 \end{array}$ _____

4) $\begin{array}{r} 48 \\ 12 \end{array}$ _____

5) $\begin{array}{r} 44 \\ 30 \end{array}$ _____

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

7) $\begin{array}{r} 39 \\ 36 \end{array}$ _____

8) $\begin{array}{r} 42 \\ 14 \end{array}$ _____

9) $\begin{array}{r} 46 \\ 30 \end{array}$ _____

10) $\begin{array}{r} 22 \\ 18 \end{array}$ _____

11) $\begin{array}{r} 7 \\ 42 \end{array}$ _____

12) $\begin{array}{r} 14 \\ 34 \end{array}$ _____



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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 7 \quad \underline{1, 7} \quad 7 \\ 28 \quad \underline{1, 2, 4, 7} \end{array} \quad \begin{array}{l} 2) \quad 6 \quad \underline{1, 2} \quad 2 \\ 32 \quad \underline{1, 2} \end{array}$$

$$\begin{array}{l} 3) \quad 40 \quad \underline{1, 2, 4, 5, 8} \quad 8 \\ 24 \quad \underline{1, 2, 3, 4, 6, 8} \end{array} \quad \begin{array}{l} 4) \quad 48 \quad \underline{1, 2, 3, 4, 6, 8, 12} \quad 12 \\ 12 \quad \underline{1, 2, 3, 4, 6, 12} \end{array}$$

$$\begin{array}{l} 5) \quad 44 \quad \underline{1, 2} \quad 2 \\ 30 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 6) \quad 11 \quad \underline{1, 11} \quad 11 \\ 22 \quad \underline{1, 2, 11} \end{array}$$

$$\begin{array}{l} 7) \quad 39 \quad \underline{1, 3} \quad 3 \\ 36 \quad \underline{1, 2, 3} \end{array} \quad \begin{array}{l} 8) \quad 42 \quad \underline{1, 2, 3, 6, 7, 14} \quad 14 \\ 14 \quad \underline{1, 2, 7, 14} \end{array}$$

$$\begin{array}{l} 9) \quad 46 \quad \underline{1, 2} \quad 2 \\ 30 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 10) \quad 22 \quad \underline{1, 2} \quad 2 \\ 18 \quad \underline{1, 2} \end{array}$$

$$\begin{array}{l} 11) \quad 7 \quad \underline{1, 7} \quad 7 \\ 42 \quad \underline{1, 2, 3, 6, 7} \end{array} \quad \begin{array}{l} 12) \quad 14 \quad \underline{1, 2} \quad 2 \\ 34 \quad \underline{1, 2} \end{array}$$