



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1. $\begin{array}{l} 50 \\ 54 \end{array}$ _____

2. $\begin{array}{l} 84 \\ 30 \end{array}$ _____

3. $\begin{array}{l} 20 \\ 50 \end{array}$ _____

4. $\begin{array}{l} 28 \\ 84 \end{array}$ _____

5. $\begin{array}{l} 64 \\ 72 \end{array}$ _____

6. $\begin{array}{l} 42 \\ 46 \end{array}$ _____

7. $\begin{array}{l} 80 \\ 100 \end{array}$ _____

8. $\begin{array}{l} 70 \\ 100 \end{array}$ _____

9. $\begin{array}{l} 44 \\ 99 \end{array}$ _____

10. $\begin{array}{l} 21 \\ 70 \end{array}$ _____



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Find the greatest common factor of the two numbers shown.

1.
$$\begin{array}{r} 50 \\ 54 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$$

2.
$$\begin{array}{r} 84 \\ 30 \end{array} \begin{array}{l} \underline{1, 2, 3, 4, 6} \\ \underline{1, 2, 3, 5, 6} \end{array} \quad \underline{6}$$

3.
$$\begin{array}{r} 20 \\ 50 \end{array} \begin{array}{l} \underline{1, 2, 4, 5, 10} \\ \underline{1, 2, 5, 10} \end{array} \quad \underline{10}$$

4.
$$\begin{array}{r} 28 \\ 84 \end{array} \begin{array}{l} \underline{1, 2, 4, 7, 14, 28} \\ \underline{1, 2, 3, 4, 6, 7,} \\ \underline{12, 14, 21, 28} \end{array} \quad \underline{28}$$

5.
$$\begin{array}{r} 64 \\ 72 \end{array} \begin{array}{l} \underline{1, 2, 4, 8} \\ \underline{1, 2, 3, 4, 6, 8} \end{array} \quad \underline{8}$$

6.
$$\begin{array}{r} 42 \\ 46 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2}$$

7.
$$\begin{array}{r} 80 \\ 100 \end{array} \begin{array}{l} \underline{1, 2, 4, 5, 8, 10,} \\ \underline{16, 20} \\ \underline{1, 2, 4, 5, 10, 20} \end{array} \quad \underline{20}$$

8.
$$\begin{array}{r} 70 \\ 100 \end{array} \begin{array}{l} \underline{1, 2, 5, 7, 10} \\ \underline{1, 2, 4, 5, 10} \end{array} \quad \underline{10}$$

9.
$$\begin{array}{r} 44 \\ 99 \end{array} \begin{array}{l} \underline{1, 2, 4, 11} \\ \underline{1, 3, 9, 11} \end{array} \quad \underline{11}$$

10.
$$\begin{array}{r} 21 \\ 70 \end{array} \begin{array}{l} \underline{1, 3, 7} \\ \underline{1, 2, 5, 7} \end{array} \quad \underline{7}$$