

Greatest common factor of 2 numbers (2-500)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) $\begin{array}{r} 93 \\ 27 \end{array}$ _____

2) $\begin{array}{r} 112 \\ 36 \end{array}$ _____

3) $\begin{array}{r} 84 \\ 200 \end{array}$ _____

4) $\begin{array}{r} 465 \\ 175 \end{array}$ _____

5) $\begin{array}{r} 32 \\ 444 \end{array}$ _____

6) $\begin{array}{r} 49 \\ 259 \end{array}$ _____

7) $\begin{array}{r} 48 \\ 126 \end{array}$ _____

8) $\begin{array}{r} 84 \\ 318 \end{array}$ _____

9) $\begin{array}{r} 54 \\ 242 \end{array}$ _____

10) $\begin{array}{r} 20 \\ 145 \end{array}$ _____

11) $\begin{array}{r} 406 \\ 14 \end{array}$ _____

12) $\begin{array}{r} 459 \\ 99 \end{array}$ _____

13) $\begin{array}{r} 28 \\ 142 \end{array}$ _____

14) $\begin{array}{r} 425 \\ 125 \end{array}$ _____

15) $\begin{array}{r} 45 \\ 290 \end{array}$ _____

16) $\begin{array}{r} 64 \\ 136 \end{array}$ _____

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Find the greatest common factor of the two numbers shown.

$$1) \quad \begin{array}{r} 93 \\ 27 \end{array} \begin{array}{l} \underline{1, 3} \\ \underline{1, 3} \end{array} \quad \underline{3} \quad 2) \quad \begin{array}{r} 112 \\ 36 \end{array} \begin{array}{l} \underline{1, 2, 4} \\ \underline{1, 2, 3, 4} \end{array} \quad \underline{4}$$

$$3) \quad \begin{array}{r} 84 \\ 200 \end{array} \begin{array}{l} \underline{1, 2, 3, 4} \\ \underline{1, 2, 4} \end{array} \quad \underline{4} \quad 4) \quad \begin{array}{r} 465 \\ 175 \end{array} \begin{array}{l} \underline{1, 3, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

$$5) \quad \begin{array}{r} 32 \\ 444 \end{array} \begin{array}{l} \underline{1, 2, 4} \\ \underline{1, 2, 3, 4} \end{array} \quad \underline{4} \quad 6) \quad \begin{array}{r} 49 \\ 259 \end{array} \begin{array}{l} \underline{1, 7} \\ \underline{1, 7} \end{array} \quad \underline{7}$$

$$7) \quad \begin{array}{r} 48 \\ 126 \end{array} \begin{array}{l} \underline{1, 2, 3, 4, 6} \\ \underline{1, 2, 3, 6} \end{array} \quad \underline{6} \quad 8) \quad \begin{array}{r} 84 \\ 318 \end{array} \begin{array}{l} \underline{1, 2, 3, 4, 6} \\ \underline{1, 2, 3, 6} \end{array} \quad \underline{6}$$

$$9) \quad \begin{array}{r} 54 \\ 242 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2} \quad 10) \quad \begin{array}{r} 20 \\ 145 \end{array} \begin{array}{l} \underline{1, 2, 4, 5} \\ \underline{1, 5} \end{array} \quad \underline{5}$$

$$11) \quad \begin{array}{r} 406 \\ 14 \end{array} \begin{array}{l} \underline{1, 2, 7, 14} \\ \underline{1, 2, 7, 14} \end{array} \quad \underline{14} \quad 12) \quad \begin{array}{r} 459 \\ 99 \end{array} \begin{array}{l} \underline{1, 3, 9} \\ \underline{1, 3, 9} \end{array} \quad \underline{9}$$

$$13) \quad \begin{array}{r} 28 \\ 142 \end{array} \begin{array}{l} \underline{1, 2} \\ \underline{1, 2} \end{array} \quad \underline{2} \quad 14) \quad \begin{array}{r} 425 \\ 125 \end{array} \begin{array}{l} \underline{1, 5, 17, 25} \\ \underline{1, 5, 25} \end{array} \quad \underline{25}$$

$$15) \quad \begin{array}{r} 45 \\ 290 \end{array} \begin{array}{l} \underline{1, 3, 5} \\ \underline{1, 2, 5} \end{array} \quad \underline{5} \quad 16) \quad \begin{array}{r} 64 \\ 136 \end{array} \begin{array}{l} \underline{1, 2, 4, 8} \\ \underline{1, 2, 4, 8} \end{array} \quad \underline{8}$$