



Greatest common factor of 2 numbers (2-500)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) 93 _____	2) 112 _____
27 _____	36 _____

3) 84 _____	4) 465 _____
200 _____	175 _____

5) 32 _____	6) 49 _____
444 _____	259 _____

7) 48 _____	8) 84 _____
126 _____	318 _____

9) 54 _____	10) 20 _____
242 _____	145 _____

11) 406 _____	12) 459 _____
14 _____	99 _____

13) 28 _____	14) 425 _____
142 _____	125 _____

15) 45 _____	16) 64 _____
290 _____	136 _____



Greatest common factor of 2 numbers (2-500)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

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

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

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

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

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

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

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

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