



Greatest common factor of 2 numbers (2-200)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1) 26 _____	2) 147 _____
98 _____	102 _____

3) 88 _____	4) 70 _____
77 _____	63 _____

5) 27 _____	6) 132 _____
198 _____	12 _____

7) 33 _____	8) 100 _____
84 _____	20 _____

9) 22 _____	10) 24 _____
74 _____	112 _____

11) 98 _____	12) 166 _____
21 _____	192 _____

13) 192 _____	14) 28 _____
78 _____	77 _____

15) 120 _____	16) 66 _____
50 _____	99 _____



Greatest common factor of 2 numbers (2-200)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 26 \quad \underline{1, 2} \quad \underline{2} \\ 98 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 2) \quad 147 \quad \underline{1, 3} \quad \underline{3} \\ 102 \quad \underline{1, 2, 3} \end{array}$$

$$\begin{array}{l} 3) \quad 88 \quad \underline{1, 2, 4, 8, 11} \quad \underline{11} \\ 77 \quad \underline{1, 7, 11} \end{array} \quad \begin{array}{l} 4) \quad 70 \quad \underline{1, 2, 5, 7} \quad \underline{7} \\ 63 \quad \underline{1, 3, 7} \end{array}$$

$$\begin{array}{l} 5) \quad 27 \quad \underline{1, 3, 9} \quad \underline{9} \\ 198 \quad \underline{1, 2, 3, 6, 9} \end{array} \quad \begin{array}{l} 6) \quad 132 \quad \underline{1, 2, 3, 4, 6, 11, 12} \quad \underline{12} \\ 12 \quad \underline{1, 2, 3, 4, 6, 12} \end{array}$$

$$\begin{array}{l} 7) \quad 33 \quad \underline{1, 3} \quad \underline{3} \\ 84 \quad \underline{1, 2, 3} \end{array} \quad \begin{array}{l} 8) \quad 100 \quad \underline{1, 2, 4, 5, 10, 20} \quad \underline{20} \\ 20 \quad \underline{1, 2, 4, 5, 10, 20} \end{array}$$

$$\begin{array}{l} 9) \quad 22 \quad \underline{1, 2} \quad \underline{2} \\ 74 \quad \underline{1, 2} \end{array} \quad \begin{array}{l} 10) \quad 24 \quad \underline{1, 2, 3, 4, 6, 8} \quad \underline{8} \\ 112 \quad \underline{1, 2, 4, 7, 8} \end{array}$$

$$\begin{array}{l} 11) \quad 98 \quad \underline{1, 2, 7} \quad \underline{7} \\ 21 \quad \underline{1, 3, 7} \end{array} \quad \begin{array}{l} 12) \quad 166 \quad \underline{1, 2} \quad \underline{2} \\ 192 \quad \underline{1, 2} \end{array}$$

$$\begin{array}{l} 13) \quad 192 \quad \underline{1, 2, 3, 4, 6} \quad \underline{6} \\ 78 \quad \underline{1, 2, 3, 6} \end{array} \quad \begin{array}{l} 14) \quad 28 \quad \underline{1, 2, 4, 7} \quad \underline{7} \\ 77 \quad \underline{1, 7} \end{array}$$

$$\begin{array}{l} 15) \quad 120 \quad \underline{1, 2, 3, 4, 5, 6, 8, 10} \quad \underline{10} \\ 50 \quad \underline{1, 2, 5, 10} \end{array} \quad \begin{array}{l} 16) \quad 66 \quad \underline{1, 2, 3, 6, 11, 22, 33} \quad \underline{33} \\ 99 \quad \underline{1, 3, 9, 11, 33} \end{array}$$