



Greatest common factor of 2 numbers (2-100)

Grade 6 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

- | | |
|--------------------------|--------------------------|
| 1) 24 _____
20 _____ | 2) 33 _____
55 _____ |
| 3) 40 _____
32 _____ | 4) 100 _____
24 _____ |
| 5) 54 _____
63 _____ | 6) 24 _____
75 _____ |
| 7) 42 _____
21 _____ | 8) 6 _____
72 _____ |
| 9) 24 _____
44 _____ | 10) 90 _____
63 _____ |
| 11) 99 _____
87 _____ | 12) 75 _____
15 _____ |
| 13) 80 _____
24 _____ | 14) 81 _____
36 _____ |
| 15) 28 _____
88 _____ | 16) 63 _____
35 _____ |



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Find the greatest common factor of the two numbers shown.

$$\begin{array}{l} 1) \quad 24 \quad \underline{1, 2, 3, 4} \quad \underline{4} \\ 20 \quad \underline{1, 2, 4} \end{array} \quad \begin{array}{l} 2) \quad 33 \quad \underline{1, 3, 11} \quad \underline{11} \\ 55 \quad \underline{1, 5, 11} \end{array}$$

$$\begin{array}{l} 3) \quad 40 \quad \underline{1, 2, 4, 5, 8} \quad \underline{8} \\ 32 \quad \underline{1, 2, 4, 8} \end{array} \quad \begin{array}{l} 4) \quad 100 \quad \underline{1, 2, 4} \quad \underline{4} \\ 24 \quad \underline{1, 2, 3, 4} \end{array}$$

$$\begin{array}{l} 5) \quad 54 \quad \underline{1, 2, 3, 6, 9} \quad \underline{9} \\ 63 \quad \underline{1, 3, 7, 9} \end{array} \quad \begin{array}{l} 6) \quad 24 \quad \underline{1, 2, 3} \quad \underline{3} \\ 75 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{l} 7) \quad 42 \quad \underline{1, 2, 3, 6, 7, 14, 21} \quad \underline{21} \\ 21 \quad \underline{1, 3, 7, 21} \end{array} \quad \begin{array}{l} 8) \quad 6 \quad \underline{1, 2, 3, 6} \quad \underline{6} \\ 72 \quad \underline{1, 2, 3, 4, 6} \end{array}$$

$$\begin{array}{l} 9) \quad 24 \quad \underline{1, 2, 3, 4} \quad \underline{4} \\ 44 \quad \underline{1, 2, 4} \end{array} \quad \begin{array}{l} 10) \quad 90 \quad \underline{1, 2, 3, 5, 6, 9} \quad \underline{9} \\ 63 \quad \underline{1, 3, 7, 9} \end{array}$$

$$\begin{array}{l} 11) \quad 99 \quad \underline{1, 3} \quad \underline{3} \\ 87 \quad \underline{1, 3} \end{array} \quad \begin{array}{l} 12) \quad 75 \quad \underline{1, 3, 5, 15} \quad \underline{15} \\ 15 \quad \underline{1, 3, 5, 15} \end{array}$$

$$\begin{array}{l} 13) \quad 80 \quad \underline{1, 2, 4, 5, 8} \quad \underline{8} \\ 24 \quad \underline{1, 2, 3, 4, 6, 8} \end{array} \quad \begin{array}{l} 14) \quad 81 \quad \underline{1, 3, 9} \quad \underline{9} \\ 36 \quad \underline{1, 2, 3, 4, 6, 9} \end{array}$$

$$\begin{array}{l} 15) \quad 28 \quad \underline{1, 2, 4} \quad \underline{4} \\ 88 \quad \underline{1, 2, 4} \end{array} \quad \begin{array}{l} 16) \quad 63 \quad \underline{1, 3, 7} \quad \underline{7} \\ 35 \quad \underline{1, 5, 7} \end{array}$$