

# Greatest common factor of 2 numbers (2-50)

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## Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 28 \_\_\_\_\_  
38 \_\_\_\_\_

2. 38 \_\_\_\_\_  
6 \_\_\_\_\_

3. 7 \_\_\_\_\_  
35 \_\_\_\_\_

4. 4 \_\_\_\_\_  
40 \_\_\_\_\_

5. 45 \_\_\_\_\_  
15 \_\_\_\_\_

6. 11 \_\_\_\_\_  
22 \_\_\_\_\_

7. 22 \_\_\_\_\_  
44 \_\_\_\_\_

8. 18 \_\_\_\_\_  
27 \_\_\_\_\_

9. 33 \_\_\_\_\_  
44 \_\_\_\_\_

10. 10 \_\_\_\_\_  
30 \_\_\_\_\_

11. 16 \_\_\_\_\_  
48 \_\_\_\_\_  
\_\_\_\_\_

12. 11 \_\_\_\_\_  
33 \_\_\_\_\_  
\_\_\_\_\_

13. 11 \_\_\_\_\_  
44 \_\_\_\_\_

14. 16 \_\_\_\_\_  
42 \_\_\_\_\_

15. 12 \_\_\_\_\_  
3 \_\_\_\_\_

16. 15 \_\_\_\_\_  
30 \_\_\_\_\_

# Greatest common factor of 2 numbers (2-50)

## Grade 6 Factoring Worksheet

Find the greatest common factor.

$$\begin{array}{r} 1. \quad 28 \quad \underline{1, 2} \\ 38 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

$$\begin{array}{r} 2. \quad 38 \quad \underline{1, 2} \\ 6 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

$$\begin{array}{r} 3. \quad 7 \quad \underline{1, 7} \\ 35 \quad \underline{1, 5, 7} \end{array} \quad \underline{7}$$

$$\begin{array}{r} 4. \quad 4 \quad \underline{1, 2, 4} \\ 40 \quad \underline{1, 2, 4} \end{array} \quad \underline{4}$$

$$\begin{array}{r} 5. \quad 45 \quad \underline{1, 3, 5, 9, 15} \\ 15 \quad \underline{1, 3, 5, 15} \end{array} \quad \underline{15}$$

$$\begin{array}{r} 6. \quad 11 \quad \underline{1, 11} \\ 22 \quad \underline{1, 2, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 7. \quad 22 \quad \underline{1, 2, 11, 22} \\ 44 \quad \underline{1, 2, 4, 11, 22} \end{array} \quad \underline{22}$$

$$\begin{array}{r} 8. \quad 18 \quad \underline{1, 2, 3, 6, 9} \\ 27 \quad \underline{1, 3, 9} \end{array} \quad \underline{9}$$

$$\begin{array}{r} 9. \quad 33 \quad \underline{1, 3, 11} \\ 44 \quad \underline{1, 2, 4, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 10. \quad 10 \quad \underline{1, 2, 5, 10} \\ 30 \quad \underline{1, 2, 3, 5, 6, 10} \end{array} \quad \underline{10}$$

$$\begin{array}{r} 11. \quad 16 \quad \underline{1, 2, 4, 8, 16} \\ 48 \quad \underline{1, 2, 3, 4, 6, 8, 12,} \\ \quad \quad \underline{16} \end{array} \quad \underline{16}$$

$$\begin{array}{r} 12. \quad 11 \quad \underline{1, 11} \\ 33 \quad \underline{1, 3, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 13. \quad 11 \quad \underline{1, 11} \\ 44 \quad \underline{1, 2, 4, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 14. \quad 16 \quad \underline{1, 2} \\ 42 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

$$\begin{array}{r} 15. \quad 12 \quad \underline{1, 2, 3} \\ 3 \quad \underline{1, 3} \end{array} \quad \underline{3}$$

$$\begin{array}{r} 16. \quad 15 \quad \underline{1, 3, 5, 15} \\ 30 \quad \underline{1, 2, 3, 5, 6, 10, 15} \end{array} \quad \underline{15}$$