



## 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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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