

Greatest common factor of 2 numbers (2-50)

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 _____

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Find the greatest common factor.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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