

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 35 _____
10 _____

2. 36 _____
8 _____

3. 46 _____
16 _____

4. 44 _____
33 _____

5. 5 _____
25 _____

6. 7 _____
42 _____

7. 14 _____
35 _____

8. 42 _____
27 _____

9. 40 _____
20 _____

10. 22 _____
11 _____

11. 48 _____
24 _____

12. 14 _____
48 _____

13. 2 _____
44 _____

14. 33 _____
22 _____

15. 33 _____
11 _____

16. 10 _____
20 _____

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

$$\begin{array}{r} 1. \quad 35 \quad \underline{1, 5} \\ 10 \quad \underline{1, 2, 5} \end{array} \quad \underline{5}$$

$$\begin{array}{r} 2. \quad 36 \quad \underline{1, 2, 3, 4} \\ 8 \quad \underline{1, 2, 4} \end{array} \quad \underline{4}$$

$$\begin{array}{r} 3. \quad 46 \quad \underline{1, 2} \\ 16 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

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

$$\begin{array}{r} 5. \quad 5 \quad \underline{1, 5} \\ 25 \quad \underline{1, 5} \end{array} \quad \underline{5}$$

$$\begin{array}{r} 6. \quad 7 \quad \underline{1, 7} \\ 42 \quad \underline{1, 2, 3, 6, 7} \end{array} \quad \underline{7}$$

$$\begin{array}{r} 7. \quad 14 \quad \underline{1, 2, 7} \\ 35 \quad \underline{1, 5, 7} \end{array} \quad \underline{7}$$

$$\begin{array}{r} 8. \quad 42 \quad \underline{1, 2, 3} \\ 27 \quad \underline{1, 3} \end{array} \quad \underline{3}$$

$$\begin{array}{r} 9. \quad 40 \quad \underline{1, 2, 4, 5, 8, 10, 20} \\ 20 \quad \underline{1, 2, 4, 5, 10, 20} \end{array} \quad \underline{20}$$

$$\begin{array}{r} 10. \quad 22 \quad \underline{1, 2, 11} \\ 11 \quad \underline{1, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 11. \quad 48 \quad \underline{1, 2, 3, 4, 6, 8, 12,} \\ \quad \quad \underline{16, 24} \\ 24 \quad \underline{1, 2, 3, 4, 6, 8, 12,} \\ \quad \quad \underline{24} \end{array} \quad \underline{24}$$

$$\begin{array}{r} 12. \quad 14 \quad \underline{1, 2} \\ 48 \quad \underline{1, 2} \end{array} \quad \underline{2}$$

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

$$\begin{array}{r} 14. \quad 33 \quad \underline{1, 3, 11} \\ 22 \quad \underline{1, 2, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 15. \quad 33 \quad \underline{1, 3, 11} \\ 11 \quad \underline{1, 11} \end{array} \quad \underline{11}$$

$$\begin{array}{r} 16. \quad 10 \quad \underline{1, 2, 5, 10} \\ 20 \quad \underline{1, 2, 4, 5, 10} \end{array} \quad \underline{10}$$