

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 5 _____
30 _____

2. 24 _____
36 _____

3. 36 _____
42 _____

4. 39 _____
21 _____

5. 35 _____
45 _____

6. 7 _____
21 _____

7. 45 _____
30 _____

8. 36 _____
21 _____

9. 36 _____
18 _____

10. 5 _____
10 _____

11. 2 _____
24 _____

12. 14 _____
10 _____

13. 20 _____
25 _____

14. 10 _____
5 _____

15. 18 _____
30 _____

16. 30 _____
28 _____

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Find the greatest common factor.

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

$$\begin{array}{r} 2. \quad 24 \quad \underline{1, 2, 3, 4, 6, 8, 12} \quad \underline{12} \\ 36 \quad \underline{1, 2, 3, 4, 6, 9, 12} \end{array}$$

$$\begin{array}{r} 3. \quad 36 \quad \underline{1, 2, 3, 4, 6} \quad \underline{6} \\ 42 \quad \underline{1, 2, 3, 6} \end{array}$$

$$\begin{array}{r} 4. \quad 39 \quad \underline{1, 3} \quad \underline{3} \\ 21 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{r} 5. \quad 35 \quad \underline{1, 5} \quad \underline{5} \\ 45 \quad \underline{1, 3, 5} \end{array}$$

$$\begin{array}{r} 6. \quad 7 \quad \underline{1, 7} \quad \underline{7} \\ 21 \quad \underline{1, 3, 7} \end{array}$$

$$\begin{array}{r} 7. \quad 45 \quad \underline{1, 3, 5, 9, 15} \quad \underline{15} \\ 30 \quad \underline{1, 2, 3, 5, 6, 10, 15} \end{array}$$

$$\begin{array}{r} 8. \quad 36 \quad \underline{1, 2, 3} \quad \underline{3} \\ 21 \quad \underline{1, 3} \end{array}$$

$$\begin{array}{r} 9. \quad 36 \quad \underline{1, 2, 3, 4, 6, 9, 12,} \quad \underline{18} \\ \quad \quad \underline{18} \\ 18 \quad \underline{1, 2, 3, 6, 9, 18} \end{array}$$

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

$$\begin{array}{r} 11. \quad 2 \quad \underline{1, 2} \quad \underline{2} \\ 24 \quad \underline{1, 2} \end{array}$$

$$\begin{array}{r} 12. \quad 14 \quad \underline{1, 2} \quad \underline{2} \\ 10 \quad \underline{1, 2} \end{array}$$

$$\begin{array}{r} 13. \quad 20 \quad \underline{1, 2, 4, 5} \quad \underline{5} \\ 25 \quad \underline{1, 5} \end{array}$$

$$\begin{array}{r} 14. \quad 10 \quad \underline{1, 2, 5} \quad \underline{5} \\ 5 \quad \underline{1, 5} \end{array}$$

$$\begin{array}{r} 15. \quad 18 \quad \underline{1, 2, 3, 6} \quad \underline{6} \\ 30 \quad \underline{1, 2, 3, 5, 6} \end{array}$$

$$\begin{array}{r} 16. \quad 30 \quad \underline{1, 2} \quad \underline{2} \\ 28 \quad \underline{1, 2} \end{array}$$