

Greatest common factor of 2 numbers (2-50)

Grade 6 Factoring Worksheet

Find the greatest common factor.

1. 24 _____
10 _____

2. 18 _____
21 _____

3. 25 _____
30 _____

4. 11 _____
22 _____

5. 7 _____
28 _____

6. 18 _____
14 _____

7. 21 _____
9 _____

8. 42 _____
12 _____

9. 35 _____
7 _____

10. 42 _____
15 _____

11. 10 _____
5 _____

12. 50 _____
35 _____

13. 42 _____
21 _____

14. 7 _____
14 _____

15. 14 _____
48 _____

16. 26 _____
50 _____

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Find the greatest common factor.

1. $\frac{24}{10} = \frac{1, 2}{1, 2} = \underline{2}$

2. $\frac{18}{21} = \frac{1, 2, 3}{1, 3} = \underline{3}$

3. $\frac{25}{30} = \frac{1, 5}{1, 2, 3, 5} = \underline{5}$

4. $\frac{11}{22} = \frac{1, 11}{1, 2, 11} = \underline{11}$

5. $\frac{7}{28} = \frac{1, 7}{1, 2, 4, 7} = \underline{7}$

6. $\frac{18}{14} = \frac{1, 2}{1, 2} = \underline{2}$

7. $\frac{21}{9} = \frac{1, 3}{1, 3} = \underline{3}$

8. $\frac{42}{12} = \frac{1, 2, 3, 6}{1, 2, 3, 4, 6} = \underline{6}$

9. $\frac{35}{7} = \frac{1, 5, 7}{1, 7} = \underline{7}$

10. $\frac{42}{15} = \frac{1, 2, 3}{1, 3} = \underline{3}$

11. $\frac{10}{5} = \frac{1, 2, 5}{1, 5} = \underline{5}$

12. $\frac{50}{35} = \frac{1, 2, 5}{1, 5} = \underline{5}$

13. $\frac{42}{21} = \frac{1, 2, 3, 6, 7, 14, 21}{1, 3, 7, 21} = \underline{21}$

14. $\frac{7}{14} = \frac{1, 7}{1, 2, 7} = \underline{7}$

15. $\frac{14}{48} = \frac{1, 2}{1, 2} = \underline{2}$

16. $\frac{26}{50} = \frac{1, 2}{1, 2} = \underline{2}$