

# Common Factors and Greatest Common Factor

Find the GCF of the numbers.

1. 10 and 15 \_\_\_\_\_
2. 6 and 24 \_\_\_\_\_
3. 16 and 36 \_\_\_\_\_
4. 24 and 30 \_\_\_\_\_
5. 9 and 21 \_\_\_\_\_
6. 12 and 40 \_\_\_\_\_
7. 8 and 28 \_\_\_\_\_
8. 18 and 27 \_\_\_\_\_
9. 12 and 60 \_\_\_\_\_
10. 14 and 18 \_\_\_\_\_
11. 20 and 30 \_\_\_\_\_
12. 24 and 45 \_\_\_\_\_
13. 27 and 30 \_\_\_\_\_
14. 10 and 22 \_\_\_\_\_
15. 12 and 36 \_\_\_\_\_
16. 11 and 15 \_\_\_\_\_
17. 18 and 45 \_\_\_\_\_
18. 21 and 27 \_\_\_\_\_
19. 13 and 25 \_\_\_\_\_
20. 8 and 48 \_\_\_\_\_
21. 16 and 18 \_\_\_\_\_
22. 24 and 36 \_\_\_\_\_
23. 4, 12, and 30 \_\_\_\_\_
24. 12, 18, and 36 \_\_\_\_\_
25. 9, 16, and 25 \_\_\_\_\_
26. 9, 15, and 21 \_\_\_\_\_
27. 12, 15, and 21 \_\_\_\_\_
28. 9, 36, and 45 \_\_\_\_\_
29. 3, 9, and 31 \_\_\_\_\_
30. 15, 30, and 50 \_\_\_\_\_
31. 16, 24, and 30 \_\_\_\_\_
32. 30, 50, and 100 \_\_\_\_\_

## Problem Solving

33. Thirty people signed up at the nature center for hiking, and 18 signed up for bird watching. They will be divided up into smaller groups. What is the greatest number of people that can be in each group and have all groups the same size?  
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34. Rosa found 8 different wildflowers and 20 different leaves on her hike. She plans to display them in equal rows on a poster. What is the greatest number of flowers or leaves she can put in each row?  
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