

Common Factors and Greatest Common Factor

Find the GCF of each pair of numbers.

1. 15, 50 _____ 2. 6, 27 _____ 3. 10, 25 _____
4. 18, 32 _____ 5. 7, 28 _____ 6. 54, 108 _____
7. 25, 55 _____ 8. 14, 48 _____ 9. 81, 135 _____

10. **Number Sense** Can the GCF of 16 and 42 be less than 16? Explain.

11. A restaurant received a shipment of 42 gal of orange juice and 18 gal of cranberry juice. The juice needs to be poured into equal-sized containers. What is the largest amount of juice that each container can hold of each kind of juice? _____

12. At a day camp, there are 56 girls and 42 boys. The campers need to be split into equal groups. Each has either all girls or all boys. What is the greatest number of campers each group can have? _____

13. Which is the GCF of 24 and 64?

A 4 **B** 8 **C** 14 **D** 12

14. **Explain It** Do all even numbers have 2 as a factor? Explain.
