

Name _____

Greatest Common Factor

P 7-9

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 equally poured into 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?

Test Prep

13. Which is the GCF of 24 and 64?

A. 4

B. 8

C. 14

D. 12

14. **Writing in Math** Do all even numbers have 2 as a factor? Explain.
