

Name _____

**Practice
7-2**

Greatest Common Factors (GCF)

Find the GCF of each group of numbers.

1. 16, 40 _____ 2. 9, 12 _____ 3. 40, 112 _____
4. 42, 48 _____ 5. 154, 147 _____ 6. 35, 54 _____
7. 49, 91, 168 _____ 8. 90, 50, 10 _____ 9. 16, 72, 104 _____

Use prime factorization to find the GCF of each group of numbers.

10. $125 =$ _____ 11. $24 =$ _____ 12. $120 =$ _____
 $440 =$ _____ $60 =$ _____ $165 =$ _____
GCF = _____ GCF = _____ GCF = _____
13. $156 =$ _____ 14. $100 =$ _____ 15. $90 =$ _____
 $54 =$ _____ $84 =$ _____ $72 =$ _____
GCF = _____ GCF = _____ GCF = _____
16. $216 =$ _____ 17. $132 =$ _____ 18. $96 =$ _____
 $144 =$ _____ $60 =$ _____ $90 =$ _____
 $180 =$ _____ $252 =$ _____ $175 =$ _____
GCF = _____ GCF = _____ GCF = _____

Write each fraction in lowest terms.

19. $\frac{19}{38}$ _____ 20. $\frac{58}{64}$ _____ 21. $\frac{68}{114}$ _____ 22. $\frac{10}{120}$ _____
23. $\frac{14}{18}$ _____ 24. $\frac{85}{90}$ _____ 25. $\frac{20}{196}$ _____ 26. $\frac{112}{175}$ _____
27. $\frac{28}{62}$ _____ 28. $\frac{42}{122}$ _____ 29. $\frac{76}{236}$ _____ 30. $\frac{56}{100}$ _____

31. The number of students in Mrs. Folsom's art classes are 28, 36, and 32. She wants to divide each class into groups for a class project. If all of the groups are to be the same size, what is the largest group size that will work? _____