

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Simplifying Fractions Using GCF (Greatest Common Factor) Worksheet**

Grades: 6-9

On the left, write the GCF of the numerators and denominators. Then, use the GCF to write the simplest form of each fraction (on the right).

1. GCF=  $\frac{4}{10} = \frac{\quad}{\quad}$

9. GCF=  $\frac{14}{21} = \frac{\quad}{\quad}$

2. GCF=  $\frac{2}{6} = \frac{\quad}{\quad}$

10. GCF=  $\frac{18}{24} = \frac{\quad}{\quad}$

3. GCF=  $\frac{9}{36} = \frac{\quad}{\quad}$

11. GCF=  $\frac{20}{80} = \frac{\quad}{\quad}$

4. GCF=  $\frac{5}{15} = \frac{\quad}{\quad}$

12. GCF=  $\frac{8}{16} = \frac{\quad}{\quad}$

5. GCF=  $\frac{3}{12} = \frac{\quad}{\quad}$

13. GCF=  $\frac{45}{100} = \frac{\quad}{\quad}$

6. GCF=  $\frac{6}{18} = \frac{\quad}{\quad}$

14. GCF=  $\frac{42}{49} = \frac{\quad}{\quad}$

7. GCF=  $\frac{10}{35} = \frac{\quad}{\quad}$

15. GCF=  $\frac{9}{90} = \frac{\quad}{\quad}$

8. GCF=  $\frac{12}{48} = \frac{\quad}{\quad}$

16. GCF=  $\frac{27}{63} = \frac{\quad}{\quad}$