

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).

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|---------|--|----------|---|
| 1. GCF= | $\frac{4}{10} = \underline{\hspace{1cm}}$ | 9. GCF= | $\frac{14}{21} = \underline{\hspace{1cm}}$ |
| 2. GCF= | $\frac{2}{6} = \underline{\hspace{1cm}}$ | 10. GCF= | $\frac{18}{24} = \underline{\hspace{1cm}}$ |
| 3. GCF= | $\frac{9}{36} = \underline{\hspace{1cm}}$ | 11. GCF= | $\frac{20}{80} = \underline{\hspace{1cm}}$ |
| 4. GCF= | $\frac{5}{15} = \underline{\hspace{1cm}}$ | 12. GCF= | $\frac{8}{16} = \underline{\hspace{1cm}}$ |
| 5. GCF= | $\frac{3}{12} = \underline{\hspace{1cm}}$ | 13. GCF= | $\frac{45}{100} = \underline{\hspace{1cm}}$ |
| 6. GCF= | $\frac{6}{18} = \underline{\hspace{1cm}}$ | 14. GCF= | $\frac{42}{49} = \underline{\hspace{1cm}}$ |
| 7. GCF= | $\frac{10}{35} = \underline{\hspace{1cm}}$ | 15. GCF= | $\frac{9}{90} = \underline{\hspace{1cm}}$ |
| 8. GCF= | $\frac{12}{48} = \underline{\hspace{1cm}}$ | 16. GCF= | $\frac{27}{63} = \underline{\hspace{1cm}}$ |