

Simplifying Fractions to Lowest Terms

Name: _____

Date: _____

Instructions: Simplify each fraction to its lowest terms by finding the greatest common factor (GCF) of the numerator and denominator, then dividing both by the GCF.

Part A: Warm-up Fractions

1. $\frac{4}{8} =$ _____

2. $\frac{6}{9} =$ _____

3. $\frac{10}{15} =$ _____

4. $\frac{12}{16} =$ _____

5. $\frac{8}{12} =$ _____

6. $\frac{15}{20} =$ _____

Part B: Medium Challenge

7. $\frac{18}{24} =$ _____

8. $\frac{14}{21} =$ _____

9. $\frac{20}{30} =$ _____

10. $\frac{25}{35} =$ _____

11. $\frac{16}{40} =$ _____

12. $\frac{27}{36} =$ _____

Part C: Harder Fractions

13. $\frac{24}{32} =$ _____

14. $\frac{45}{60} =$ _____

15. $\frac{36}{48} =$ _____

16. $\frac{28}{42} =$ _____

17. $\frac{32}{56} =$ _____

18. $\frac{40}{64} =$ _____

Part D: Challenge Questions

19. $\frac{48}{72} =$ _____

20. $\frac{54}{81} =$ _____