

Multiplying Fractions by Fractions

Name: _____

Date: _____

Instructions: Multiply the fractions below. Write your answers in simplest form.

Remember: Multiply the numerators together, then multiply the denominators together. Simplify your answer.

Part A: Proper Fractions

1. $\frac{1}{2} \times \frac{3}{4} =$ _____

2. $\frac{2}{3} \times \frac{2}{5} =$ _____

3. $\frac{3}{5} \times \frac{5}{6} =$ _____

4. $\frac{3}{8} \times \frac{2}{3} =$ _____

5. $\frac{4}{9} \times \frac{3}{8} =$ _____

6. $\frac{5}{6} \times \frac{2}{7} =$ _____

Part B: Improper Fractions

7. $\frac{5}{3} \times \frac{2}{5} =$ _____

8. $\frac{7}{4} \times \frac{2}{5} =$ _____

9. $\frac{9}{5} \times \frac{5}{6} =$ _____

10. $\frac{8}{3} \times \frac{3}{4} =$ _____

11. $1\frac{1}{6} \times \frac{3}{5} =$ _____

12. $\frac{7}{2} \times \frac{4}{9} =$ _____

Part C: Mixed Practice

13. $\frac{6}{7} \times \frac{7}{9} =$ _____

14. $\frac{5}{8} \times \frac{4}{15} =$ _____

15. $\frac{9}{4} \times \frac{8}{3} =$ _____

16. $\frac{3}{10} \times \frac{5}{9} =$ _____

17. $1\frac{2}{5} \times \frac{5}{8} =$ _____

18. $\frac{7}{12} \times \frac{6}{14} =$ _____

Challenge Questions

19. $\frac{2}{3} \times \frac{3}{4} \times \frac{4}{5} =$ _____

20. $\frac{8}{9} \times \frac{3}{4} \times 1\frac{15}{16} =$ _____