

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



# Multiplying Fractions by Mixed Numbers

**Directions:** Find the product.

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

7.  $9\frac{1}{3} \times \frac{9}{10} =$  \_\_\_\_\_

2.  $4\frac{2}{9} \times \frac{3}{8} =$  \_\_\_\_\_

8.  $4\frac{6}{8} \times \frac{4}{9} =$  \_\_\_\_\_

3.  $\frac{4}{5} \times 6\frac{5}{12} =$  \_\_\_\_\_

9.  $\frac{3}{11} \times 2\frac{8}{9} =$  \_\_\_\_\_

4.  $\frac{6}{7} \times 5\frac{3}{9} =$  \_\_\_\_\_

10.  $\frac{6}{7} \times 8\frac{1}{3} =$  \_\_\_\_\_

5.  $\frac{9}{14} \times 8\frac{2}{3} =$  \_\_\_\_\_

11.  $\frac{5}{6} \times 7\frac{3}{21} =$  \_\_\_\_\_

6.  $\frac{4}{5} \times 2\frac{10}{16} =$  \_\_\_\_\_

12.  $6\frac{4}{18} \times \frac{9}{24} =$  \_\_\_\_\_

## ANSWER KEY

1.  $\frac{1}{4} \times 3\frac{2}{3} = 1\frac{11}{12}$

7.  $9\frac{1}{3} \times \frac{9}{10} = 8\frac{2}{5}$

2.  $4\frac{2}{9} \times \frac{3}{8} = 1\frac{7}{12}$

8.  $4\frac{6}{8} \times \frac{4}{9} = 2\frac{1}{9}$

3.  $\frac{4}{5} \times 6\frac{5}{12} = 5\frac{2}{15}$

9.  $\frac{3}{11} \times 2\frac{8}{9} = \frac{26}{33}$

4.  $\frac{6}{7} \times 5\frac{3}{9} = 4\frac{4}{7}$

10.  $\frac{6}{7} \times 8\frac{1}{3} = 7\frac{1}{7}$

5.  $\frac{9}{14} \times 8\frac{2}{3} = 5\frac{4}{7}$

11.  $\frac{5}{6} \times 7\frac{3}{21} = 5\frac{20}{21}$

6.  $\frac{4}{5} \times 2\frac{10}{16} = 2\frac{1}{10}$

12.  $6\frac{4}{18} \times \frac{9}{24} = 2\frac{1}{3}$