

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

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

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

## Multiplying Fractions

1)  $\frac{1}{5} \times \frac{1}{3} =$

2)  $\frac{7}{8} \times \frac{1}{4} =$

3)  $\frac{2}{3} \times \frac{2}{5} =$

4)  $\frac{1}{5} \times \frac{5}{6} =$

5)  $\frac{7}{10} \times \frac{2}{6} =$

6)  $\frac{1}{2} \times \frac{3}{5} =$

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

8)  $\frac{1}{2} \times \frac{6}{10} =$

9)  $\frac{6}{9} \times \frac{1}{5} =$

10)  $\frac{2}{4} \times \frac{1}{9} =$

Be sure to show all of your thinking!

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### Multiplying Fractions

$$1) \quad \frac{1}{5} \times \frac{1}{3} = \frac{1 \times 1}{5 \times 3} = \frac{1}{15}$$

$$2) \quad \frac{7}{8} \times \frac{1}{4} = \frac{7 \times 1}{8 \times 4} = \frac{7}{32}$$

$$3) \quad \frac{2}{3} \times \frac{2}{5} = \frac{2 \times 2}{3 \times 5} = \frac{4}{15}$$

$$4) \quad \frac{1}{5} \times \frac{5}{6} = \frac{1 \times 5}{5 \times 6} = \frac{5}{30} = \frac{1}{6}$$

$$5) \quad \frac{7}{10} \times \frac{2}{6} = \frac{7 \times 2}{10 \times 6} = \frac{14}{60} = \frac{7}{30}$$

$$6) \quad \frac{1}{2} \times \frac{3}{5} = \frac{1 \times 3}{2 \times 5} = \frac{3}{10}$$

$$7) \quad \frac{1}{6} \times \frac{3}{8} = \frac{1 \times 3}{6 \times 8} = \frac{3}{48} = \frac{1}{16}$$

$$8) \quad \frac{1}{2} \times \frac{6}{10} = \frac{1 \times 6}{2 \times 10} = \frac{6}{20} = \frac{3}{10}$$

$$9) \quad \frac{6}{9} \times \frac{1}{5} = \frac{6 \times 1}{9 \times 5} = \frac{6}{45} = \frac{2}{15}$$

$$10) \quad \frac{2}{4} \times \frac{1}{9} = \frac{2 \times 1}{4 \times 9} = \frac{2}{36} = \frac{1}{18}$$

Be sure to show all of your thinking!