

# Multiplying Fractions (C)

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

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

Score: \_\_\_\_\_ /10

Multiply and simplify.

1.  $\frac{8}{9} \times \frac{2}{7} \times \frac{3}{8} = \text{---} = \text{---}$

2.  $\frac{1}{2} \times \frac{5}{8} \times \frac{5}{6} = \text{---}$

3.  $\frac{4}{7} \times \frac{1}{2} \times \frac{5}{6} = \text{---} = \text{---}$

4.  $\frac{1}{2} \times \frac{8}{9} \times \frac{2}{5} = \text{---} = \text{---}$

5.  $\frac{1}{3} \times \frac{5}{6} \times \frac{1}{8} = \text{---}$

6.  $\frac{2}{5} \times \frac{1}{2} \times \frac{2}{9} = \text{---} = \text{---}$

7.  $\frac{1}{6} \times \frac{2}{3} \times \frac{5}{6} = \text{---} = \text{---}$

8.  $\frac{4}{7} \times \frac{1}{2} \times \frac{1}{6} = \text{---} = \text{---}$

9.  $\frac{4}{5} \times \frac{1}{3} \times \frac{2}{5} = \text{---}$

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

## Multiplying Fractions (C) Answers

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Score: \_\_\_\_\_ /10

Multiply and simplify.

$$1. \quad \frac{8}{9} \times \frac{2}{7} \times \frac{3}{8} = \frac{48}{504} = \frac{2}{21}$$

$$2. \quad \frac{1}{2} \times \frac{5}{8} \times \frac{5}{6} = \frac{25}{96}$$

$$3. \quad \frac{4}{7} \times \frac{1}{2} \times \frac{5}{6} = \frac{20}{84} = \frac{5}{21}$$

$$4. \quad \frac{1}{2} \times \frac{8}{9} \times \frac{2}{5} = \frac{16}{90} = \frac{8}{45}$$

$$5. \quad \frac{1}{3} \times \frac{5}{6} \times \frac{1}{8} = \frac{5}{144}$$

$$6. \quad \frac{2}{5} \times \frac{1}{2} \times \frac{2}{9} = \frac{4}{90} = \frac{2}{45}$$

$$7. \quad \frac{1}{6} \times \frac{2}{3} \times \frac{5}{6} = \frac{10}{108} = \frac{5}{54}$$

$$8. \quad \frac{4}{7} \times \frac{1}{2} \times \frac{1}{6} = \frac{4}{84} = \frac{1}{21}$$

$$9. \quad \frac{4}{5} \times \frac{1}{3} \times \frac{2}{5} = \frac{8}{75}$$

$$10. \quad \frac{1}{8} \times \frac{3}{7} \times \frac{1}{3} = \frac{3}{168} = \frac{1}{56}$$