

# Multiplying Fractions (H)

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

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

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

Calculate each product.

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

2.  $3\frac{3}{4} \times \frac{11}{6} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

4.  $\frac{22}{9} \times \frac{5}{2} = \text{---} = \text{---} = \text{---}$

5.  $\frac{16}{9} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

6.  $3\frac{5}{8} \times 2\frac{2}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

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

10.  $\frac{35}{9} \times \frac{11}{7} = \text{---} = \text{---} = \text{---}$

## Multiplying Fractions (H) Answers

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

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

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

Calculate each product.

$$1. \quad 3\frac{2}{7} \times 3\frac{1}{2} = \frac{23}{7} \times \frac{7}{2} = \frac{161}{14} = \frac{23}{2} = 11\frac{1}{2}$$

$$2. \quad 3\frac{3}{4} \times \frac{11}{6} = \frac{15}{4} \times \frac{11}{6} = \frac{165}{24} = \frac{55}{8} = 6\frac{7}{8}$$

$$3. \quad \frac{7}{2} \times 2\frac{2}{9} = \frac{7}{2} \times \frac{20}{9} = \frac{140}{18} = \frac{70}{9} = 7\frac{7}{9}$$

$$4. \quad \frac{22}{9} \times \frac{5}{2} = \frac{110}{18} = \frac{55}{9} = 6\frac{1}{9}$$

$$5. \quad \frac{16}{9} \times \frac{1}{2} = \frac{16}{9} \times \frac{1}{2} = \frac{16}{18} = \frac{8}{9}$$

$$6. \quad 3\frac{5}{8} \times 2\frac{2}{7} = \frac{29}{8} \times \frac{16}{7} = \frac{464}{56} = \frac{58}{7} = 8\frac{2}{7}$$

$$7. \quad \frac{1}{2} \times \frac{2}{3} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$8. \quad 1\frac{1}{6} \times 1\frac{1}{3} = \frac{7}{6} \times \frac{4}{3} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$9. \quad \frac{1}{2} \times \frac{2}{3} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$10. \quad \frac{35}{9} \times \frac{11}{7} = \frac{385}{63} = \frac{55}{9} = 6\frac{1}{9}$$