

# Multiplying Fractions (F)

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

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

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

Calculate each product.

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

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

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

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

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

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

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

8.  $3\frac{1}{6} \times 1\frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10.  $2\frac{7}{9} \times 3\frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying Fractions (F) Answers

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

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

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

Calculate each product.

$$1. \quad 3\frac{1}{2} \times 4\frac{5}{9} = \frac{7}{2} \times \frac{41}{9} = \frac{287}{18} = 15\frac{17}{18}$$

$$2. \quad 2\frac{1}{5} \times 4\frac{2}{3} = \frac{11}{5} \times \frac{14}{3} = \frac{154}{15} = 10\frac{4}{15}$$

$$3. \quad 1\frac{1}{2} \times 4\frac{3}{4} = \frac{3}{2} \times \frac{19}{4} = \frac{57}{8} = 7\frac{1}{8}$$

$$4. \quad 2\frac{2}{7} \times 5\frac{4}{5} = \frac{16}{7} \times \frac{29}{5} = \frac{464}{35} = 13\frac{9}{35}$$

$$5. \quad 2\frac{3}{7} \times 5\frac{2}{3} = \frac{17}{7} \times \frac{17}{3} = \frac{289}{21} = 13\frac{16}{21}$$

$$6. \quad 5\frac{1}{4} \times 1\frac{1}{2} = \frac{21}{4} \times \frac{3}{2} = \frac{63}{8} = 7\frac{7}{8}$$

$$7. \quad 1\frac{1}{6} \times 2\frac{1}{2} = \frac{7}{6} \times \frac{5}{2} = \frac{35}{12} = 2\frac{11}{12}$$

$$8. \quad 3\frac{1}{6} \times 1\frac{3}{4} = \frac{19}{6} \times \frac{7}{4} = \frac{133}{24} = 5\frac{13}{24}$$

$$9. \quad 3\frac{1}{2} \times 2\frac{1}{3} = \frac{7}{2} \times \frac{7}{3} = \frac{49}{6} = 8\frac{1}{6}$$

$$10. \quad 2\frac{7}{9} \times 3\frac{1}{2} = \frac{25}{9} \times \frac{7}{2} = \frac{175}{18} = 9\frac{13}{18}$$