

# Multiplying Fractions (J)

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

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

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

Calculate each product.

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

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

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

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

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

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

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

8.  $5\frac{4}{9} \times 2\frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

10.  $3\frac{2}{3} \times 1\frac{5}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

## Multiplying Fractions (J) Answers

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

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

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

Calculate each product.

$$1. \quad 4\frac{1}{3} \times 4\frac{1}{5} = \frac{13}{3} \times \frac{21}{5} = \frac{273}{15} = \frac{91}{5} = 18\frac{1}{5}$$

$$2. \quad 1\frac{1}{3} \times 4\frac{1}{2} = \frac{4}{3} \times \frac{9}{2} = \frac{36}{6} = 6$$

$$3. \quad 1\frac{3}{5} \times 5\frac{2}{3} = \frac{8}{5} \times \frac{17}{3} = \frac{136}{15} = 9\frac{1}{15}$$

$$4. \quad 1\frac{3}{4} \times 1\frac{2}{3} = \frac{7}{4} \times \frac{5}{3} = \frac{35}{12} = 2\frac{11}{12}$$

$$5. \quad 5\frac{1}{2} \times 2\frac{1}{2} = \frac{11}{2} \times \frac{5}{2} = \frac{55}{4} = 13\frac{3}{4}$$

$$6. \quad 1\frac{4}{5} \times 1\frac{4}{5} = \frac{9}{5} \times \frac{9}{5} = \frac{81}{25} = 3\frac{6}{25}$$

$$7. \quad 5\frac{2}{3} \times 1\frac{1}{2} = \frac{17}{3} \times \frac{3}{2} = \frac{51}{6} = \frac{17}{2} = 8\frac{1}{2}$$

$$8. \quad 5\frac{4}{9} \times 2\frac{2}{3} = \frac{49}{9} \times \frac{8}{3} = \frac{392}{27} = 14\frac{14}{27}$$

$$9. \quad 5\frac{1}{2} \times 1\frac{2}{3} = \frac{11}{2} \times \frac{5}{3} = \frac{55}{6} = 9\frac{1}{6}$$

$$10. \quad 3\frac{2}{3} \times 1\frac{5}{9} = \frac{11}{3} \times \frac{14}{9} = \frac{154}{27} = 5\frac{19}{27}$$