

## Multiplying Fractions (J)

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

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

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

Calculate each product.

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

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

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

4.  $4\frac{1}{2} \times 1\frac{1}{2} =$

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

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

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

8.  $1\frac{1}{4} \times 3\frac{1}{2} =$

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

10.  $5\frac{4}{5} \times 1\frac{4}{7} =$

## Multiplying Fractions (J) Answers

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

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

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

Calculate each product.

$$1. \quad 4\frac{2}{3} \times 2\frac{2}{3} = \frac{14}{3} \times \frac{8}{3} = \frac{112}{9} = 12\frac{4}{9}$$

$$2. \quad 5\frac{4}{9} \times 2\frac{4}{5} = \frac{49}{9} \times \frac{14}{5} = \frac{686}{45} = 15\frac{11}{45}$$

$$3. \quad 3\frac{1}{2} \times 1\frac{4}{5} = \frac{7}{2} \times \frac{9}{5} = \frac{63}{10} = 6\frac{3}{10}$$

$$4. \quad 4\frac{1}{2} \times 1\frac{1}{2} = \frac{9}{2} \times \frac{3}{2} = \frac{27}{4} = 6\frac{3}{4}$$

$$5. \quad 2\frac{4}{9} \times 5\frac{2}{3} = \frac{22}{9} \times \frac{17}{3} = \frac{374}{27} = 13\frac{23}{27}$$

$$6. \quad 1\frac{2}{5} \times 5\frac{3}{5} = \frac{7}{5} \times \frac{28}{5} = \frac{196}{25} = 7\frac{21}{25}$$

$$7. \quad 5\frac{2}{5} \times 1\frac{2}{5} = \frac{27}{5} \times \frac{7}{5} = \frac{189}{25} = 7\frac{14}{25}$$

$$8. \quad 1\frac{1}{4} \times 3\frac{1}{2} = \frac{5}{4} \times \frac{7}{2} = \frac{35}{8} = 4\frac{3}{8}$$

$$9. \quad 3\frac{1}{3} \times 2\frac{8}{9} = \frac{10}{3} \times \frac{26}{9} = \frac{260}{27} = 9\frac{17}{27}$$

$$10. \quad 5\frac{4}{5} \times 1\frac{4}{7} = \frac{29}{5} \times \frac{11}{7} = \frac{319}{35} = 9\frac{4}{35}$$