

## Multiplying Fractions (H)

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

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

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

Calculate each product.

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

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

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

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

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

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

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

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

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

10.  $4\frac{1}{7} \times 3\frac{2}{3} =$

## Multiplying Fractions (H) Answers

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

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

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

Calculate each product.

$$1. \quad 2\frac{1}{4} \times 2\frac{1}{4} = \frac{9}{4} \times \frac{9}{4} = \frac{81}{16} = 5\frac{1}{16}$$

$$2. \quad 4\frac{1}{6} \times 1\frac{3}{4} = \frac{25}{6} \times \frac{7}{4} = \frac{175}{24} = 7\frac{7}{24}$$

$$3. \quad 1\frac{2}{3} \times 4\frac{1}{6} = \frac{5}{3} \times \frac{25}{6} = \frac{125}{18} = 6\frac{17}{18}$$

$$4. \quad 4\frac{1}{2} \times 2\frac{1}{4} = \frac{9}{2} \times \frac{9}{4} = \frac{81}{8} = 10\frac{1}{8}$$

$$5. \quad 2\frac{2}{9} \times 1\frac{5}{9} = \frac{20}{9} \times \frac{14}{9} = \frac{280}{81} = 3\frac{37}{81}$$

$$6. \quad 2\frac{1}{3} \times 2\frac{1}{2} = \frac{7}{3} \times \frac{5}{2} = \frac{35}{6} = 5\frac{5}{6}$$

$$7. \quad 2\frac{7}{8} \times 5\frac{2}{3} = \frac{23}{8} \times \frac{17}{3} = \frac{391}{24} = 16\frac{7}{24}$$

$$8. \quad 5\frac{1}{2} \times 3\frac{4}{7} = \frac{11}{2} \times \frac{25}{7} = \frac{275}{14} = 19\frac{9}{14}$$

$$9. \quad 2\frac{8}{9} \times 5\frac{2}{3} = \frac{26}{9} \times \frac{17}{3} = \frac{442}{27} = 16\frac{10}{27}$$

$$10. \quad 4\frac{1}{7} \times 3\frac{2}{3} = \frac{29}{7} \times \frac{11}{3} = \frac{319}{21} = 15\frac{4}{21}$$