

## Multiplying Fractions (H)

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

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

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

Calculate each product.

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

2.  $5\frac{5}{6} \times 4\frac{1}{8} =$

3.  $5\frac{3}{8} \times 1\frac{1}{9} =$

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

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

6.  $1\frac{1}{2} \times 3\frac{1}{8} =$

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

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

9.  $4\frac{2}{3} \times 4\frac{3}{7} =$

10.  $5\frac{1}{2} \times 1\frac{1}{2} =$

## Multiplying Fractions (H) Answers

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

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

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

Calculate each product.

$$1. \quad 1\frac{1}{3} \times 4\frac{3}{8} = \frac{4}{3} \times \frac{35}{8} = \frac{140}{24} = \frac{35}{6} = 5\frac{5}{6}$$

$$2. \quad 5\frac{5}{6} \times 4\frac{1}{8} = \frac{35}{6} \times \frac{33}{8} = \frac{1155}{48} = \frac{385}{16} = 24\frac{1}{16}$$

$$3. \quad 5\frac{3}{8} \times 1\frac{1}{9} = \frac{43}{8} \times \frac{10}{9} = \frac{430}{72} = \frac{215}{36} = 5\frac{35}{36}$$

$$4. \quad 1\frac{1}{7} \times 3\frac{2}{7} = \frac{8}{7} \times \frac{23}{7} = \frac{184}{49} = 3\frac{37}{49}$$

$$5. \quad 2\frac{2}{5} \times 1\frac{1}{3} = \frac{12}{5} \times \frac{4}{3} = \frac{48}{15} = \frac{16}{5} = 3\frac{1}{5}$$

$$6. \quad 1\frac{1}{2} \times 3\frac{1}{8} = \frac{3}{2} \times \frac{25}{8} = \frac{75}{16} = 4\frac{11}{16}$$

$$7. \quad 3\frac{3}{7} \times 2\frac{2}{3} = \frac{24}{7} \times \frac{8}{3} = \frac{192}{21} = \frac{64}{7} = 9\frac{1}{7}$$

$$8. \quad 3\frac{1}{2} \times 3\frac{1}{3} = \frac{7}{2} \times \frac{10}{3} = \frac{70}{6} = \frac{35}{3} = 11\frac{2}{3}$$

$$9. \quad 4\frac{2}{3} \times 4\frac{3}{7} = \frac{14}{3} \times \frac{31}{7} = \frac{434}{21} = \frac{62}{3} = 20\frac{2}{3}$$

$$10. \quad 5\frac{1}{2} \times 1\frac{1}{2} = \frac{11}{2} \times \frac{3}{2} = \frac{33}{4} = 8\frac{1}{4}$$