

Multiplying Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each product.

1. $4\frac{1}{5} \times 1\frac{8}{9} =$

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

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

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

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

6. $5\frac{1}{8} \times 2\frac{4}{7} =$

7. $4\frac{8}{9} \times 3\frac{3}{7} =$

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

9. $4\frac{1}{3} \times 1\frac{2}{7} =$

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

Multiplying Fractions (H) Answers

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Calculate each product.

$$1. \quad 4\frac{1}{5} \times 1\frac{8}{9} = \frac{21}{5} \times \frac{17}{9} = \frac{357}{45} = \frac{119}{15} = 7\frac{14}{15}$$

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

$$3. \quad 5\frac{5}{6} \times 1\frac{1}{7} = \frac{35}{6} \times \frac{8}{7} = \frac{280}{42} = \frac{20}{3} = 6\frac{2}{3}$$

$$4. \quad 4\frac{1}{2} \times 3\frac{3}{5} = \frac{9}{2} \times \frac{18}{5} = \frac{162}{10} = \frac{81}{5} = 16\frac{1}{5}$$

$$5. \quad 4\frac{2}{7} \times 2\frac{1}{2} = \frac{30}{7} \times \frac{5}{2} = \frac{150}{14} = \frac{75}{7} = 10\frac{5}{7}$$

$$6. \quad 5\frac{1}{8} \times 2\frac{4}{7} = \frac{41}{8} \times \frac{18}{7} = \frac{738}{56} = \frac{369}{28} = 13\frac{5}{28}$$

$$7. \quad 4\frac{8}{9} \times 3\frac{3}{7} = \frac{44}{9} \times \frac{24}{7} = \frac{1056}{63} = \frac{352}{21} = 16\frac{16}{21}$$

$$8. \quad 3\frac{3}{4} \times 3\frac{2}{5} = \frac{15}{4} \times \frac{17}{5} = \frac{255}{20} = \frac{51}{4} = 12\frac{3}{4}$$

$$9. \quad 4\frac{1}{3} \times 1\frac{2}{7} = \frac{13}{3} \times \frac{9}{7} = \frac{117}{21} = \frac{39}{7} = 5\frac{4}{7}$$

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