

Multiplying Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

2. $\frac{15}{4} \times 2\frac{1}{3} =$

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

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

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

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

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

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

9. $1\frac{2}{7} \times 2\frac{5}{6} =$

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

Multiplying Fractions (E) Answers

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Calculate each product.

$$1. \quad 3\frac{1}{2} \times \frac{4}{9} = \frac{7}{2} \times \frac{4}{9} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$2. \quad \frac{15}{4} \times 2\frac{1}{3} = \frac{15}{4} \times \frac{7}{3} = \frac{105}{12} = \frac{35}{4} = 8\frac{3}{4}$$

$$3. \quad 2\frac{2}{3} \times \frac{1}{2} = \frac{8}{3} \times \frac{1}{2} = \frac{8}{6} = \frac{4}{3} = 1\frac{1}{3}$$

$$4. \quad 1\frac{1}{9} \times 3\frac{1}{2} = \frac{10}{9} \times \frac{7}{2} = \frac{70}{18} = \frac{35}{9} = 3\frac{8}{9}$$

$$5. \quad \frac{16}{9} \times \frac{1}{2} = \frac{16}{18} = \frac{8}{9}$$

$$6. \quad \frac{4}{7} \times \frac{3}{2} = \frac{4}{7} \times \frac{3}{2} = \frac{12}{14} = \frac{6}{7}$$

$$7. \quad 1\frac{1}{2} \times 3\frac{1}{3} = \frac{3}{2} \times \frac{10}{3} = \frac{30}{6} = 5$$

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

$$9. \quad 1\frac{2}{7} \times 2\frac{5}{6} = \frac{9}{7} \times \frac{17}{6} = \frac{153}{42} = \frac{51}{14} = 3\frac{9}{14}$$

$$10. \quad \frac{7}{2} \times \frac{4}{7} = \frac{28}{14} = 2$$