

Multiplying Fractions (J)

Name: _____

Date: _____

Score: _____

Calculate each product.

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

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

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

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

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

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

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

8. $\frac{20}{7} \times \frac{11}{6} =$

9. $1\frac{4}{5} \times \frac{1}{3} =$

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

Multiplying Fractions (J) Answers

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Calculate each product.

$$1. \quad \frac{3}{7} \times 3\frac{1}{2} = \frac{3}{7} \times \frac{7}{2} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad 3\frac{1}{7} \times \frac{5}{2} = \frac{22}{7} \times \frac{5}{2} = \frac{110}{14} = \frac{55}{7} = 7\frac{6}{7}$$

$$3. \quad 1\frac{1}{3} \times \frac{3}{2} = \frac{4}{3} \times \frac{3}{2} = \frac{12}{6} = 2$$

$$4. \quad 2\frac{1}{4} \times 2\frac{4}{5} = \frac{9}{4} \times \frac{14}{5} = \frac{126}{20} = \frac{63}{10} = 6\frac{3}{10}$$

$$5. \quad \frac{1}{3} \times 1\frac{1}{5} = \frac{1}{3} \times \frac{6}{5} = \frac{6}{15} = \frac{2}{5}$$

$$6. \quad \frac{2}{3} \times \frac{3}{8} = \frac{6}{24} = \frac{1}{4}$$

$$7. \quad 2\frac{2}{7} \times 1\frac{1}{4} = \frac{16}{7} \times \frac{5}{4} = \frac{80}{28} = \frac{20}{7} = 2\frac{6}{7}$$

$$8. \quad \frac{20}{7} \times \frac{11}{6} = \frac{220}{42} = \frac{110}{21} = 5\frac{5}{21}$$

$$9. \quad 1\frac{4}{5} \times \frac{1}{3} = \frac{9}{5} \times \frac{1}{3} = \frac{9}{15} = \frac{3}{5}$$

$$10. \quad \frac{4}{5} \times 2\frac{1}{2} = \frac{4}{5} \times \frac{5}{2} = \frac{20}{10} = 2$$