

Multiplying and Dividing Various Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each result.

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

2. $2\frac{2}{3} \times 3\frac{2}{5} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{1}{2} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

4. $\frac{7}{9} \div \frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $1\frac{4}{9} \times \frac{2}{7} = \text{---} \times \text{---} = \text{---}$

6. $\frac{13}{4} \div \frac{4}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $\frac{3}{2} \times 1\frac{3}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{15}{4} \times \frac{3}{2} = \text{---} = \text{---}$

10. $\frac{5}{2} \div 2\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

Multiplying and Dividing Various Fractions (F) Answers

Name: _____

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Score: _____

Calculate each result.

$$1. \quad 2\frac{1}{2} \div \frac{4}{5} = \frac{5}{2} \div \frac{4}{5} = \frac{5}{2} \times \frac{5}{4} = \frac{25}{8} = 3\frac{1}{8}$$

$$2. \quad 2\frac{2}{3} \times 3\frac{2}{5} = \frac{8}{3} \times \frac{17}{5} = \frac{136}{15} = 9\frac{1}{15}$$

$$3. \quad \frac{1}{2} \div 3\frac{2}{3} = \frac{1}{2} \div \frac{11}{3} = \frac{1}{2} \times \frac{3}{11} = \frac{3}{22}$$

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

$$5. \quad 1\frac{4}{9} \times \frac{2}{7} = \frac{13}{9} \times \frac{2}{7} = \frac{26}{63}$$

$$6. \quad \frac{13}{4} \div \frac{4}{3} = \frac{13}{4} \times \frac{3}{4} = \frac{39}{16} = 2\frac{7}{16}$$

$$7. \quad 2\frac{1}{6} \times \frac{5}{2} = \frac{13}{6} \times \frac{5}{2} = \frac{65}{12} = 5\frac{5}{12}$$

$$8. \quad \frac{3}{2} \times 1\frac{3}{4} = \frac{3}{2} \times \frac{7}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$9. \quad \frac{15}{4} \times \frac{3}{2} = \frac{45}{8} = 5\frac{5}{8}$$

$$10. \quad \frac{5}{2} \div 2\frac{4}{5} = \frac{5}{2} \div \frac{14}{5} = \frac{5}{2} \times \frac{5}{14} = \frac{25}{28}$$