

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{1}{2} \div \frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

3. $\frac{5}{6} \div 1\frac{1}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

5. $\frac{2}{5} \div 2\frac{5}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

6. $\frac{1}{3} \div 2\frac{6}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

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

9. $\frac{5}{8} \div 3\frac{2}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

Dividing Fractions (D) Answers

Name: _____

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div \frac{7}{8} = \frac{3}{2} \div \frac{7}{8} = \frac{3}{2} \times \frac{8}{7} = \frac{24}{14} = \frac{12}{7} = 1\frac{5}{7}$$

$$2. \quad \frac{1}{5} \div 3\frac{3}{4} = \frac{1}{5} \div \frac{15}{4} = \frac{1}{5} \times \frac{4}{15} = \frac{4}{75}$$

$$3. \quad \frac{5}{6} \div 1\frac{1}{9} = \frac{5}{6} \div \frac{10}{9} = \frac{5}{6} \times \frac{9}{10} = \frac{45}{60} = \frac{3}{4}$$

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

$$5. \quad \frac{2}{5} \div 2\frac{5}{8} = \frac{2}{5} \div \frac{21}{8} = \frac{2}{5} \times \frac{8}{21} = \frac{16}{105}$$

$$6. \quad \frac{1}{3} \div 2\frac{6}{7} = \frac{1}{3} \div \frac{20}{7} = \frac{1}{3} \times \frac{7}{20} = \frac{7}{60}$$

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

$$8. \quad \frac{3}{4} \div 2\frac{1}{4} = \frac{3}{4} \div \frac{9}{4} = \frac{3}{4} \times \frac{4}{9} = \frac{12}{36} = \frac{1}{3}$$

$$9. \quad \frac{5}{8} \div 3\frac{2}{7} = \frac{5}{8} \div \frac{23}{7} = \frac{5}{8} \times \frac{7}{23} = \frac{35}{184}$$

$$10. \quad \frac{1}{5} \div 2\frac{1}{2} = \frac{1}{5} \div \frac{5}{2} = \frac{1}{5} \times \frac{2}{5} = \frac{2}{25}$$