

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $2\frac{1}{8} \div 1\frac{5}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

3. $\frac{13}{5} \div \frac{20}{9} = \text{---} \times \text{---} = \text{---} = \text{---}$

4. $\frac{15}{4} \div 2\frac{4}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

9. $\frac{6}{7} \div \frac{13}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

10. $\frac{26}{7} \div \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (D) Answers

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Calculate each quotient.

$$1. \quad 2\frac{2}{3} \div \frac{9}{4} = \frac{8}{3} \div \frac{9}{4} = \frac{8}{3} \times \frac{4}{9} = \frac{32}{27} = 1\frac{5}{27}$$

$$2. \quad 2\frac{1}{8} \div 1\frac{5}{9} = \frac{17}{8} \div \frac{14}{9} = \frac{17}{8} \times \frac{9}{14} = \frac{153}{112} = 1\frac{41}{112}$$

$$3. \quad \frac{13}{5} \div \frac{20}{9} = \frac{13}{5} \times \frac{9}{20} = \frac{117}{100} = 1\frac{17}{100}$$

$$4. \quad \frac{15}{4} \div 2\frac{4}{5} = \frac{15}{4} \div \frac{14}{5} = \frac{15}{4} \times \frac{5}{14} = \frac{75}{56} = 1\frac{19}{56}$$

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

$$6. \quad \frac{7}{2} \div 1\frac{1}{3} = \frac{7}{2} \div \frac{4}{3} = \frac{7}{2} \times \frac{3}{4} = \frac{21}{8} = 2\frac{5}{8}$$

$$7. \quad 1\frac{1}{2} \div 2\frac{2}{9} = \frac{3}{2} \div \frac{20}{9} = \frac{3}{2} \times \frac{9}{20} = \frac{27}{40}$$

$$8. \quad \frac{5}{7} \div \frac{1}{6} = \frac{5}{7} \times \frac{6}{1} = \frac{30}{7} = 4\frac{2}{7}$$

$$9. \quad \frac{6}{7} \div \frac{13}{4} = \frac{6}{7} \div \frac{13}{4} = \frac{6}{7} \times \frac{4}{13} = \frac{24}{91}$$

$$10. \quad \frac{26}{7} \div \frac{1}{2} = \frac{26}{7} \times \frac{2}{1} = \frac{52}{7} = 7\frac{3}{7}$$