

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\frac{2}{3} \div 1\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

8. $\frac{5}{6} \div 3\frac{2}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $\frac{1}{2} \div 3\frac{7}{8} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

Dividing Fractions (I) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div \frac{6}{7} = \frac{3}{2} \div \frac{6}{7} = \frac{3}{2} \times \frac{7}{6} = \frac{21}{12} = \frac{7}{4} = 1\frac{3}{4}$$

$$2. \quad \frac{2}{3} \div 3\frac{2}{3} = \frac{2}{3} \div \frac{11}{3} = \frac{2}{3} \times \frac{3}{11} = \frac{6}{33} = \frac{2}{11}$$

$$3. \quad \frac{4}{5} \div 1\frac{5}{9} = \frac{4}{5} \div \frac{14}{9} = \frac{4}{5} \times \frac{9}{14} = \frac{36}{70} = \frac{18}{35}$$

$$4. \quad \frac{1}{2} \div 1\frac{3}{4} = \frac{1}{2} \div \frac{7}{4} = \frac{1}{2} \times \frac{4}{7} = \frac{4}{14} = \frac{2}{7}$$

$$5. \quad \frac{1}{2} \div 2\frac{7}{8} = \frac{1}{2} \div \frac{23}{8} = \frac{1}{2} \times \frac{8}{23} = \frac{8}{46} = \frac{4}{23}$$

$$6. \quad \frac{2}{3} \div 1\frac{5}{6} = \frac{2}{3} \div \frac{11}{6} = \frac{2}{3} \times \frac{6}{11} = \frac{12}{33} = \frac{4}{11}$$

$$7. \quad \frac{2}{9} \div 3\frac{2}{3} = \frac{2}{9} \div \frac{11}{3} = \frac{2}{9} \times \frac{3}{11} = \frac{6}{99} = \frac{2}{33}$$

$$8. \quad \frac{5}{6} \div 3\frac{2}{9} = \frac{5}{6} \div \frac{29}{9} = \frac{5}{6} \times \frac{9}{29} = \frac{45}{174} = \frac{15}{58}$$

$$9. \quad \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$10. \quad \frac{1}{6} \div 3\frac{5}{9} = \frac{1}{6} \div \frac{32}{9} = \frac{1}{6} \times \frac{9}{32} = \frac{9}{192} = \frac{3}{64}$$