

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $4\frac{2}{9} \div 3\frac{8}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

2. $3\frac{5}{7} \div 5\frac{3}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

4. $4\frac{1}{7} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $2\frac{3}{7} \div 4\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

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

10. $4\frac{3}{4} \div 1\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (I) Answers

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Calculate each quotient.

$$1. \quad 4\frac{2}{9} \div 3\frac{8}{9} = \frac{38}{9} \div \frac{35}{9} = \frac{38}{9} \times \frac{9}{35} = \frac{342}{315} = \frac{38}{35} = 1\frac{3}{35}$$

$$2. \quad 3\frac{5}{7} \div 5\frac{3}{4} = \frac{26}{7} \div \frac{23}{4} = \frac{26}{7} \times \frac{4}{23} = \frac{104}{161}$$

$$3. \quad 2\frac{5}{6} \div 5\frac{1}{6} = \frac{17}{6} \div \frac{31}{6} = \frac{17}{6} \times \frac{6}{31} = \frac{102}{186} = \frac{17}{31}$$

$$4. \quad 4\frac{1}{7} \div 3\frac{2}{3} = \frac{29}{7} \div \frac{11}{3} = \frac{29}{7} \times \frac{3}{11} = \frac{87}{77} = 1\frac{10}{77}$$

$$5. \quad 2\frac{3}{7} \div 4\frac{1}{4} = \frac{17}{7} \div \frac{17}{4} = \frac{17}{7} \times \frac{4}{17} = \frac{68}{119} = \frac{4}{7}$$

$$6. \quad 5\frac{3}{5} \div 3\frac{5}{8} = \frac{28}{5} \div \frac{29}{8} = \frac{28}{5} \times \frac{8}{29} = \frac{224}{145} = 1\frac{79}{145}$$

$$7. \quad 2\frac{1}{3} \div 5\frac{3}{5} = \frac{7}{3} \div \frac{28}{5} = \frac{7}{3} \times \frac{5}{28} = \frac{35}{84} = \frac{5}{12}$$

$$8. \quad 1\frac{1}{2} \div 1\frac{2}{3} = \frac{3}{2} \div \frac{5}{3} = \frac{3}{2} \times \frac{3}{5} = \frac{9}{10}$$

$$9. \quad 1\frac{1}{5} \div 4\frac{3}{5} = \frac{6}{5} \div \frac{23}{5} = \frac{6}{5} \times \frac{5}{23} = \frac{30}{115} = \frac{6}{23}$$

$$10. \quad 4\frac{3}{4} \div 1\frac{1}{5} = \frac{19}{4} \div \frac{6}{5} = \frac{19}{4} \times \frac{5}{6} = \frac{95}{24} = 3\frac{23}{24}$$