

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{3} \div \frac{6}{7} = \frac{4}{3} \div \frac{6}{7} = \frac{4}{3} \times \frac{7}{6} = \frac{28}{18} = \frac{14}{9} = 1\frac{5}{9}$$

$$2. \quad \frac{2}{3} \div 1\frac{2}{3} = \frac{2}{3} \div \frac{5}{3} = \frac{2}{3} \times \frac{3}{5} = \frac{6}{15} = \frac{2}{5}$$

$$3. \quad \frac{3}{5} \div 3\frac{5}{6} = \frac{3}{5} \div \frac{23}{6} = \frac{3}{5} \times \frac{6}{23} = \frac{18}{115}$$

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

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

$$6. \quad \frac{1}{3} \div 2\frac{1}{4} = \frac{1}{3} \div \frac{9}{4} = \frac{1}{3} \times \frac{4}{9} = \frac{4}{27}$$

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

$$8. \quad \frac{1}{7} \div 3\frac{3}{5} = \frac{1}{7} \div \frac{18}{5} = \frac{1}{7} \times \frac{5}{18} = \frac{5}{126}$$

$$9. \quad \frac{2}{5} \div 3\frac{4}{5} = \frac{2}{5} \div \frac{19}{5} = \frac{2}{5} \times \frac{5}{19} = \frac{10}{95} = \frac{2}{19}$$

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