

Dividing Fractions (H)

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

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

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

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

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

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

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

9. $\frac{5}{8} \div 1\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

Dividing Fractions (H) Answers

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Calculate each quotient.

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

$$2. \quad \frac{1}{3} \div 3\frac{5}{6} = \frac{1}{3} \div \frac{23}{6} = \frac{1}{3} \times \frac{6}{23} = \frac{6}{69} = \frac{2}{23}$$

$$3. \quad \frac{3}{7} \div 1\frac{1}{8} = \frac{3}{7} \div \frac{9}{8} = \frac{3}{7} \times \frac{8}{9} = \frac{24}{63} = \frac{8}{21}$$

$$4. \quad \frac{5}{9} \div 2\frac{4}{9} = \frac{5}{9} \div \frac{22}{9} = \frac{5}{9} \times \frac{9}{22} = \frac{45}{198} = \frac{5}{22}$$

$$5. \quad \frac{4}{7} \div 1\frac{1}{3} = \frac{4}{7} \div \frac{4}{3} = \frac{4}{7} \times \frac{3}{4} = \frac{12}{28} = \frac{3}{7}$$

$$6. \quad \frac{2}{9} \div 3\frac{1}{3} = \frac{2}{9} \div \frac{10}{3} = \frac{2}{9} \times \frac{3}{10} = \frac{6}{90} = \frac{1}{15}$$

$$7. \quad \frac{5}{8} \div 2\frac{1}{2} = \frac{5}{8} \div \frac{5}{2} = \frac{5}{8} \times \frac{2}{5} = \frac{10}{40} = \frac{1}{4}$$

$$8. \quad \frac{1}{2} \div 2\frac{1}{4} = \frac{1}{2} \div \frac{9}{4} = \frac{1}{2} \times \frac{4}{9} = \frac{4}{18} = \frac{2}{9}$$

$$9. \quad \frac{5}{8} \div 1\frac{2}{3} = \frac{5}{8} \div \frac{5}{3} = \frac{5}{8} \times \frac{3}{5} = \frac{15}{40} = \frac{3}{8}$$

$$10. \quad \frac{4}{5} \div 2\frac{2}{3} = \frac{4}{5} \div \frac{8}{3} = \frac{4}{5} \times \frac{3}{8} = \frac{12}{40} = \frac{3}{10}$$