

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{1}{4} \div \frac{8}{9} =$

2. $\frac{1}{2} \div 2\frac{1}{3} =$

3. $\frac{1}{7} \div 3\frac{5}{9} =$

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

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

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

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

8. $\frac{2}{3} \div 2\frac{3}{7} =$

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

10. $\frac{6}{7} \div 2\frac{1}{2} =$

Dividing Fractions (H) Answers

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Score: _____

Calculate each quotient.

$$1. \quad 1\frac{1}{4} \div \frac{8}{9} = \frac{5}{4} \div \frac{8}{9} = \frac{5}{4} \times \frac{9}{8} = \frac{45}{32} = 1\frac{13}{32}$$

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

$$3. \quad \frac{1}{7} \div 3\frac{5}{9} = \frac{1}{7} \div \frac{32}{9} = \frac{1}{7} \times \frac{9}{32} = \frac{9}{224}$$

$$4. \quad \frac{2}{3} \div 3\frac{1}{4} = \frac{2}{3} \div \frac{13}{4} = \frac{2}{3} \times \frac{4}{13} = \frac{8}{39}$$

$$5. \quad \frac{1}{4} \div 2\frac{1}{3} = \frac{1}{4} \div \frac{7}{3} = \frac{1}{4} \times \frac{3}{7} = \frac{3}{28}$$

$$6. \quad \frac{2}{9} \div 3\frac{1}{2} = \frac{2}{9} \div \frac{7}{2} = \frac{2}{9} \times \frac{2}{7} = \frac{4}{63}$$

$$7. \quad \frac{1}{2} \div 2\frac{2}{3} = \frac{1}{2} \div \frac{8}{3} = \frac{1}{2} \times \frac{3}{8} = \frac{3}{16}$$

$$8. \quad \frac{2}{3} \div 2\frac{3}{7} = \frac{2}{3} \div \frac{17}{7} = \frac{2}{3} \times \frac{7}{17} = \frac{14}{51}$$

$$9. \quad \frac{3}{7} \div 2\frac{1}{2} = \frac{3}{7} \div \frac{5}{2} = \frac{3}{7} \times \frac{2}{5} = \frac{6}{35}$$

$$10. \quad \frac{6}{7} \div 2\frac{1}{2} = \frac{6}{7} \div \frac{5}{2} = \frac{6}{7} \times \frac{2}{5} = \frac{12}{35}$$