

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

9. $2\frac{5}{6} \div 1\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

Dividing Fractions (H) Answers

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Calculate each quotient.

$$1. \quad 4\frac{2}{3} \div 4\frac{4}{7} = \frac{14}{3} \div \frac{32}{7} = \frac{14}{3} \times \frac{7}{32} = \frac{98}{96} = \frac{49}{48} = 1\frac{1}{48}$$

$$2. \quad 1\frac{1}{9} \div 2\frac{1}{2} = \frac{10}{9} \div \frac{5}{2} = \frac{10}{9} \times \frac{2}{5} = \frac{20}{45} = \frac{4}{9}$$

$$3. \quad 1\frac{1}{4} \div 1\frac{1}{2} = \frac{5}{4} \div \frac{3}{2} = \frac{5}{4} \times \frac{2}{3} = \frac{10}{12} = \frac{5}{6}$$

$$4. \quad 4\frac{2}{3} \div 3\frac{5}{7} = \frac{14}{3} \div \frac{26}{7} = \frac{14}{3} \times \frac{7}{26} = \frac{98}{78} = \frac{49}{39} = 1\frac{10}{39}$$

$$5. \quad 5\frac{1}{5} \div 4\frac{2}{3} = \frac{26}{5} \div \frac{14}{3} = \frac{26}{5} \times \frac{3}{14} = \frac{78}{70} = \frac{39}{35} = 1\frac{4}{35}$$

$$6. \quad 3\frac{1}{4} \div 1\frac{1}{4} = \frac{13}{4} \div \frac{5}{4} = \frac{13}{4} \times \frac{4}{5} = \frac{52}{20} = \frac{13}{5} = 2\frac{3}{5}$$

$$7. \quad 2\frac{1}{4} \div 1\frac{1}{2} = \frac{9}{4} \div \frac{3}{2} = \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

$$8. \quad 1\frac{1}{4} \div 4\frac{1}{2} = \frac{5}{4} \div \frac{9}{2} = \frac{5}{4} \times \frac{2}{9} = \frac{10}{36} = \frac{5}{18}$$

$$9. \quad 2\frac{5}{6} \div 1\frac{1}{3} = \frac{17}{6} \div \frac{4}{3} = \frac{17}{6} \times \frac{3}{4} = \frac{51}{24} = \frac{17}{8} = 2\frac{1}{8}$$

$$10. \quad 1\frac{1}{6} \div 3\frac{1}{3} = \frac{7}{6} \div \frac{10}{3} = \frac{7}{6} \times \frac{3}{10} = \frac{21}{60} = \frac{7}{20}$$