

Dividing Fractions (H)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{7}{3} \div \frac{17}{6} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

4. $\frac{22}{7} \div \frac{4}{7} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

5. $\frac{31}{9} \div \frac{2}{3} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $1\frac{1}{2} \div \frac{23}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $3\frac{2}{3} \div \frac{10}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

8. $\frac{17}{9} \div \frac{11}{3} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $2\frac{1}{2} \div \frac{7}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

10. $\frac{11}{6} \div 3\frac{2}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (H) Answers

Name: _____

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Score: _____

Calculate each quotient.

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

$$2. \quad \frac{7}{3} \div \frac{17}{6} = \frac{7}{3} \times \frac{6}{17} = \frac{42}{51} = \frac{14}{17}$$

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

$$4. \quad \frac{22}{7} \div \frac{4}{7} = \frac{22}{7} \times \frac{7}{4} = \frac{154}{28} = \frac{11}{2} = 5\frac{1}{2}$$

$$5. \quad \frac{31}{9} \div \frac{2}{3} = \frac{31}{9} \times \frac{3}{2} = \frac{93}{18} = \frac{31}{6} = 5\frac{1}{6}$$

$$6. \quad 1\frac{1}{2} \div \frac{23}{6} = \frac{3}{2} \div \frac{23}{6} = \frac{3}{2} \times \frac{6}{23} = \frac{18}{46} = \frac{9}{23}$$

$$7. \quad 3\frac{2}{3} \div \frac{10}{3} = \frac{11}{3} \div \frac{10}{3} = \frac{11}{3} \times \frac{3}{10} = \frac{33}{30} = \frac{11}{10} = 1\frac{1}{10}$$

$$8. \quad \frac{17}{9} \div \frac{11}{3} = \frac{17}{9} \times \frac{3}{11} = \frac{51}{99} = \frac{17}{33}$$

$$9. \quad 2\frac{1}{2} \div \frac{7}{2} = \frac{5}{2} \div \frac{7}{2} = \frac{5}{2} \times \frac{2}{7} = \frac{10}{14} = \frac{5}{7}$$

$$10. \quad \frac{11}{6} \div 3\frac{2}{3} = \frac{11}{6} \div \frac{11}{3} = \frac{11}{6} \times \frac{3}{11} = \frac{33}{66} = \frac{1}{2}$$