

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $3\frac{4}{9} \div 2\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

7. $1\frac{2}{3} \div \frac{15}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

Dividing Fractions (E) Answers

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Calculate each quotient.

$$1. \quad \frac{1}{2} \div 1\frac{3}{4} = \frac{1}{2} \div \frac{7}{4} = \frac{1}{2} \times \frac{4}{7} = \frac{4}{14} = \frac{2}{7}$$

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

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

$$4. \quad \frac{9}{5} \div \frac{4}{3} = \frac{9}{5} \times \frac{3}{4} = \frac{27}{20} = 1\frac{7}{20}$$

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

$$6. \quad 3\frac{4}{9} \div 2\frac{1}{3} = \frac{31}{9} \div \frac{7}{3} = \frac{31}{9} \times \frac{3}{7} = \frac{93}{63} = \frac{31}{21} = 1\frac{10}{21}$$

$$7. \quad 1\frac{2}{3} \div \frac{15}{4} = \frac{5}{3} \div \frac{15}{4} = \frac{5}{3} \times \frac{4}{15} = \frac{20}{45} = \frac{4}{9}$$

$$8. \quad \frac{7}{2} \div 2\frac{1}{3} = \frac{7}{2} \div \frac{7}{3} = \frac{7}{2} \times \frac{3}{7} = \frac{21}{14} = \frac{3}{2} = 1\frac{1}{2}$$

$$9. \quad 1\frac{1}{2} \div 2\frac{2}{3} = \frac{3}{2} \div \frac{8}{3} = \frac{3}{2} \times \frac{3}{8} = \frac{9}{16}$$

$$10. \quad \frac{7}{8} \div \frac{1}{3} = \frac{7}{8} \div \frac{1}{3} = \frac{7}{8} \times \frac{3}{1} = \frac{21}{8} = 2\frac{5}{8}$$