

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{9}{4} \div 1\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

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

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

5. $2\frac{1}{7} \div \frac{3}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---} = \text{---}$

6. $3\frac{1}{9} \div \frac{11}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

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

10. $2\frac{2}{5} \div 3\frac{1}{3} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

Dividing Fractions (E) Answers

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Calculate each quotient.

$$1. \quad \frac{1}{6} \div 2\frac{3}{4} = \frac{1}{6} \div \frac{11}{4} = \frac{1}{6} \times \frac{4}{11} = \frac{4}{66} = \frac{2}{33}$$

$$2. \quad \frac{9}{4} \div 1\frac{1}{5} = \frac{9}{4} \div \frac{6}{5} = \frac{9}{4} \times \frac{5}{6} = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

$$3. \quad 1\frac{3}{5} \div 3\frac{5}{9} = \frac{8}{5} \div \frac{32}{9} = \frac{8}{5} \times \frac{9}{32} = \frac{72}{160} = \frac{9}{20}$$

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

$$5. \quad 2\frac{1}{7} \div \frac{3}{5} = \frac{15}{7} \div \frac{3}{5} = \frac{15}{7} \times \frac{5}{3} = \frac{75}{21} = \frac{25}{7} = 3\frac{4}{7}$$

$$6. \quad 3\frac{1}{9} \div \frac{11}{3} = \frac{28}{9} \div \frac{11}{3} = \frac{28}{9} \times \frac{3}{11} = \frac{84}{99} = \frac{28}{33}$$

$$7. \quad 1\frac{1}{8} \div 3\frac{1}{2} = \frac{9}{8} \div \frac{7}{2} = \frac{9}{8} \times \frac{2}{7} = \frac{18}{56} = \frac{9}{28}$$

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

$$9. \quad 3\frac{1}{3} \div \frac{5}{3} = \frac{10}{3} \div \frac{5}{3} = \frac{10}{3} \times \frac{3}{5} = \frac{30}{15} = 2$$

$$10. \quad 2\frac{2}{5} \div 3\frac{1}{3} = \frac{12}{5} \div \frac{10}{3} = \frac{12}{5} \times \frac{3}{10} = \frac{36}{50} = \frac{18}{25}$$