

Dividing Fractions (G)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $2\frac{1}{4} \div 1\frac{7}{9} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

4. $1\frac{2}{3} \div 3\frac{5}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

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

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

7. $1\frac{5}{6} \div 2\frac{1}{4} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

8. $\frac{9}{4} \div \frac{11}{4} = \text{---} \times \text{---} = \text{---} = \text{---}$

9. $1\frac{4}{5} \div 3\frac{2}{7} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

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

Dividing Fractions (G) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{4} \div 1\frac{7}{9} = \frac{9}{4} \div \frac{16}{9} = \frac{9}{4} \times \frac{9}{16} = \frac{81}{64} = 1\frac{17}{64}$$

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

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

$$4. \quad 1\frac{2}{3} \div 3\frac{5}{6} = \frac{5}{3} \div \frac{23}{6} = \frac{5}{3} \times \frac{6}{23} = \frac{30}{69} = \frac{10}{23}$$

$$5. \quad \frac{1}{2} \div \frac{15}{7} = \frac{1}{2} \times \frac{7}{15} = \frac{7}{30}$$

$$6. \quad \frac{7}{2} \div 2\frac{4}{5} = \frac{7}{2} \div \frac{14}{5} = \frac{7}{2} \times \frac{5}{14} = \frac{35}{28} = \frac{5}{4} = 1\frac{1}{4}$$

$$7. \quad 1\frac{5}{6} \div 2\frac{1}{4} = \frac{11}{6} \div \frac{9}{4} = \frac{11}{6} \times \frac{4}{9} = \frac{44}{54} = \frac{22}{27}$$

$$8. \quad \frac{9}{4} \div \frac{11}{4} = \frac{9}{4} \times \frac{4}{11} = \frac{36}{44} = \frac{9}{11}$$

$$9. \quad 1\frac{4}{5} \div 3\frac{2}{7} = \frac{9}{5} \div \frac{23}{7} = \frac{9}{5} \times \frac{7}{23} = \frac{63}{115}$$

$$10. \quad 3\frac{2}{5} \div 2\frac{2}{3} = \frac{17}{5} \div \frac{8}{3} = \frac{17}{5} \times \frac{3}{8} = \frac{51}{40} = 1\frac{11}{40}$$