

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{1}{2} \div \frac{5}{6} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

3. $\frac{1}{9} \div 3\frac{7}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

5. $1\frac{2}{3} \div \frac{8}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

7. $\frac{3}{4} \div 2\frac{2}{5} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

8. $\frac{3}{7} \div 2\frac{4}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

9. $\frac{3}{5} \div 1\frac{1}{2} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div \frac{5}{6} = \frac{3}{2} \div \frac{5}{6} = \frac{3}{2} \times \frac{6}{5} = \frac{18}{10} = \frac{9}{5} = 1\frac{4}{5}$$

$$2. \quad \frac{1}{8} \div 2\frac{1}{2} = \frac{1}{8} \div \frac{5}{2} = \frac{1}{8} \times \frac{2}{5} = \frac{2}{40} = \frac{1}{20}$$

$$3. \quad \frac{1}{9} \div 3\frac{7}{9} = \frac{1}{9} \div \frac{34}{9} = \frac{1}{9} \times \frac{9}{34} = \frac{9}{306} = \frac{1}{34}$$

$$4. \quad \frac{2}{3} \div 1\frac{2}{9} = \frac{2}{3} \div \frac{11}{9} = \frac{2}{3} \times \frac{9}{11} = \frac{18}{33} = \frac{6}{11}$$

$$5. \quad 1\frac{2}{3} \div \frac{8}{9} = \frac{5}{3} \div \frac{8}{9} = \frac{5}{3} \times \frac{9}{8} = \frac{45}{24} = \frac{15}{8} = 1\frac{7}{8}$$

$$6. \quad \frac{3}{4} \div 1\frac{1}{4} = \frac{3}{4} \div \frac{5}{4} = \frac{3}{4} \times \frac{4}{5} = \frac{12}{20} = \frac{3}{5}$$

$$7. \quad \frac{3}{4} \div 2\frac{2}{5} = \frac{3}{4} \div \frac{12}{5} = \frac{3}{4} \times \frac{5}{12} = \frac{15}{48} = \frac{5}{16}$$

$$8. \quad \frac{3}{7} \div 2\frac{4}{7} = \frac{3}{7} \div \frac{18}{7} = \frac{3}{7} \times \frac{7}{18} = \frac{21}{126} = \frac{1}{6}$$

$$9. \quad \frac{3}{5} \div 1\frac{1}{2} = \frac{3}{5} \div \frac{3}{2} = \frac{3}{5} \times \frac{2}{3} = \frac{6}{15} = \frac{2}{5}$$

$$10. \quad \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$