

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $\frac{4}{5} \div 1\frac{3}{7} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

3. $1\frac{4}{9} \div \frac{7}{9} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

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

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

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

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

9. $\frac{3}{4} \div 3\frac{5}{8} = \underline{\quad} \div \underline{\quad} = \underline{\quad} \times \underline{\quad} = \underline{\quad} = \underline{\quad}$

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

Dividing Fractions (D) Answers

Name: _____

Date: _____

Score: _____

Calculate each quotient.

$$1. \quad 1\frac{1}{3} \div \frac{8}{9} = \frac{4}{3} \div \frac{8}{9} = \frac{4}{3} \times \frac{9}{8} = \frac{36}{24} = \frac{3}{2} = 1\frac{1}{2}$$

$$2. \quad \frac{4}{5} \div 1\frac{3}{7} = \frac{4}{5} \div \frac{10}{7} = \frac{4}{5} \times \frac{7}{10} = \frac{28}{50} = \frac{14}{25}$$

$$3. \quad 1\frac{4}{9} \div \frac{7}{9} = \frac{13}{9} \div \frac{7}{9} = \frac{13}{9} \times \frac{9}{7} = \frac{117}{63} = \frac{13}{7} = 1\frac{6}{7}$$

$$4. \quad \frac{8}{9} \div 1\frac{2}{3} = \frac{8}{9} \div \frac{5}{3} = \frac{8}{9} \times \frac{3}{5} = \frac{24}{45} = \frac{8}{15}$$

$$5. \quad \frac{1}{2} \div 3\frac{7}{8} = \frac{1}{2} \div \frac{31}{8} = \frac{1}{2} \times \frac{8}{31} = \frac{8}{62} = \frac{4}{31}$$

$$6. \quad \frac{1}{2} \div 3\frac{1}{2} = \frac{1}{2} \div \frac{7}{2} = \frac{1}{2} \times \frac{2}{7} = \frac{2}{14} = \frac{1}{7}$$

$$7. \quad \frac{1}{2} \div 1\frac{1}{2} = \frac{1}{2} \div \frac{3}{2} = \frac{1}{2} \times \frac{2}{3} = \frac{2}{6} = \frac{1}{3}$$

$$8. \quad \frac{1}{6} \div 3\frac{1}{2} = \frac{1}{6} \div \frac{7}{2} = \frac{1}{6} \times \frac{2}{7} = \frac{2}{42} = \frac{1}{21}$$

$$9. \quad \frac{3}{4} \div 3\frac{5}{8} = \frac{3}{4} \div \frac{29}{8} = \frac{3}{4} \times \frac{8}{29} = \frac{24}{116} = \frac{6}{29}$$

$$10. \quad \frac{2}{3} \div 1\frac{1}{9} = \frac{2}{3} \div \frac{10}{9} = \frac{2}{3} \times \frac{9}{10} = \frac{18}{30} = \frac{3}{5}$$