

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{1}{4} \div 2\frac{1}{2} =$

2. $\frac{1}{2} \div 1\frac{1}{3} =$

3. $\frac{3}{8} \div 2\frac{4}{5} =$

4. $\frac{1}{8} \div 3\frac{2}{3} =$

5. $\frac{4}{7} \div 3\frac{3}{5} =$

6. $\frac{2}{3} \div 2\frac{5}{8} =$

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

8. $\frac{8}{9} \div 2\frac{8}{9} =$

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

10. $1\frac{3}{4} \div \frac{8}{9} =$

Dividing Fractions (D) Answers

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Score: _____

Calculate each quotient.

$$1. \quad \frac{1}{4} \div 2\frac{1}{2} = \frac{1}{4} \div \frac{5}{2} = \frac{1}{4} \times \frac{2}{5} = \frac{2}{20} = \frac{1}{10}$$

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

$$3. \quad \frac{3}{8} \div 2\frac{4}{5} = \frac{3}{8} \div \frac{14}{5} = \frac{3}{8} \times \frac{5}{14} = \frac{15}{112}$$

$$4. \quad \frac{1}{8} \div 3\frac{2}{3} = \frac{1}{8} \div \frac{11}{3} = \frac{1}{8} \times \frac{3}{11} = \frac{3}{88}$$

$$5. \quad \frac{4}{7} \div 3\frac{3}{5} = \frac{4}{7} \div \frac{18}{5} = \frac{4}{7} \times \frac{5}{18} = \frac{20}{126} = \frac{10}{63}$$

$$6. \quad \frac{2}{3} \div 2\frac{5}{8} = \frac{2}{3} \div \frac{21}{8} = \frac{2}{3} \times \frac{8}{21} = \frac{16}{63}$$

$$7. \quad \frac{2}{5} \div 1\frac{1}{3} = \frac{2}{5} \div \frac{4}{3} = \frac{2}{5} \times \frac{3}{4} = \frac{6}{20} = \frac{3}{10}$$

$$8. \quad \frac{8}{9} \div 2\frac{8}{9} = \frac{8}{9} \div \frac{26}{9} = \frac{8}{9} \times \frac{9}{26} = \frac{72}{234} = \frac{4}{13}$$

$$9. \quad \frac{2}{3} \div 3\frac{1}{8} = \frac{2}{3} \div \frac{25}{8} = \frac{2}{3} \times \frac{8}{25} = \frac{16}{75}$$

$$10. \quad 1\frac{3}{4} \div \frac{8}{9} = \frac{7}{4} \div \frac{8}{9} = \frac{7}{4} \times \frac{9}{8} = \frac{63}{32} = 1\frac{31}{32}$$