

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $1\frac{4}{7} \div \frac{6}{7} =$

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

7. $\frac{5}{8} \div 1\frac{3}{8} =$

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

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

10. $\frac{1}{6} \div 1\frac{1}{8} =$

Dividing Fractions (D) Answers

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Score: _____

Calculate each quotient.

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

$$2. \quad \frac{1}{4} \div 3\frac{5}{6} = \frac{1}{4} \div \frac{23}{6} = \frac{1}{4} \times \frac{6}{23} = \frac{6}{92} = \frac{3}{46}$$

$$3. \quad \frac{2}{5} \div 3\frac{1}{9} = \frac{2}{5} \div \frac{28}{9} = \frac{2}{5} \times \frac{9}{28} = \frac{18}{140} = \frac{9}{70}$$

$$4. \quad \frac{1}{2} \div 3\frac{3}{4} = \frac{1}{2} \div \frac{15}{4} = \frac{1}{2} \times \frac{4}{15} = \frac{4}{30} = \frac{2}{15}$$

$$5. \quad 1\frac{4}{7} \div \frac{6}{7} = \frac{11}{7} \div \frac{6}{7} = \frac{11}{7} \times \frac{7}{6} = \frac{77}{42} = \frac{11}{6} = 1\frac{5}{6}$$

$$6. \quad \frac{4}{5} \div 2\frac{2}{3} = \frac{4}{5} \div \frac{8}{3} = \frac{4}{5} \times \frac{3}{8} = \frac{12}{40} = \frac{3}{10}$$

$$7. \quad \frac{5}{8} \div 1\frac{3}{8} = \frac{5}{8} \div \frac{11}{8} = \frac{5}{8} \times \frac{8}{11} = \frac{40}{88} = \frac{5}{11}$$

$$8. \quad \frac{3}{5} \div 3\frac{4}{5} = \frac{3}{5} \div \frac{19}{5} = \frac{3}{5} \times \frac{5}{19} = \frac{15}{95} = \frac{3}{19}$$

$$9. \quad \frac{5}{7} \div 1\frac{2}{3} = \frac{5}{7} \div \frac{5}{3} = \frac{5}{7} \times \frac{3}{5} = \frac{15}{35} = \frac{3}{7}$$

$$10. \quad \frac{1}{6} \div 1\frac{1}{8} = \frac{1}{6} \div \frac{9}{8} = \frac{1}{6} \times \frac{8}{9} = \frac{8}{54} = \frac{4}{27}$$