

Dividing Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $\frac{7}{9} \div 3\frac{1}{4} =$

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

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

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

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

10. $\frac{2}{7} \div 1\frac{5}{8} =$

Dividing Fractions (A) Answers

Name: _____

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Calculate each quotient.

$$1. \quad 1\frac{1}{2} \div \frac{8}{9} = \frac{3}{2} \div \frac{8}{9} = \frac{3}{2} \times \frac{9}{8} = \frac{27}{16} = 1\frac{11}{16}$$

$$2. \quad \frac{1}{2} \div 1\frac{1}{5} = \frac{1}{2} \div \frac{6}{5} = \frac{1}{2} \times \frac{5}{6} = \frac{5}{12}$$

$$3. \quad \frac{5}{7} \div 1\frac{1}{2} = \frac{5}{7} \div \frac{3}{2} = \frac{5}{7} \times \frac{2}{3} = \frac{10}{21}$$

$$4. \quad \frac{1}{6} \div 1\frac{5}{7} = \frac{1}{6} \div \frac{12}{7} = \frac{1}{6} \times \frac{7}{12} = \frac{7}{72}$$

$$5. \quad \frac{7}{9} \div 3\frac{1}{4} = \frac{7}{9} \div \frac{13}{4} = \frac{7}{9} \times \frac{4}{13} = \frac{28}{117}$$

$$6. \quad \frac{1}{3} \div 2\frac{3}{8} = \frac{1}{3} \div \frac{19}{8} = \frac{1}{3} \times \frac{8}{19} = \frac{8}{57}$$

$$7. \quad \frac{1}{3} \div 1\frac{1}{5} = \frac{1}{3} \div \frac{6}{5} = \frac{1}{3} \times \frac{5}{6} = \frac{5}{18}$$

$$8. \quad \frac{3}{5} \div 3\frac{7}{8} = \frac{3}{5} \div \frac{31}{8} = \frac{3}{5} \times \frac{8}{31} = \frac{24}{155}$$

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

$$10. \quad \frac{2}{7} \div 1\frac{5}{8} = \frac{2}{7} \div \frac{13}{8} = \frac{2}{7} \times \frac{8}{13} = \frac{16}{91}$$