

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $4\frac{5}{9} \div 3\frac{1}{7} =$

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

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

5. $3\frac{6}{7} \div 3\frac{7}{8} =$

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

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

8. $3\frac{1}{2} \div 1\frac{6}{7} =$

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

10. $2\frac{1}{2} \div 2\frac{8}{9} =$

Dividing Fractions (I) Answers

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Calculate each quotient.

$$1. \quad 5\frac{2}{7} \div 5\frac{1}{5} = \frac{37}{7} \div \frac{26}{5} = \frac{37}{7} \times \frac{5}{26} = \frac{185}{182} = 1\frac{3}{182}$$

$$2. \quad 4\frac{5}{9} \div 3\frac{1}{7} = \frac{41}{9} \div \frac{22}{7} = \frac{41}{9} \times \frac{7}{22} = \frac{287}{198} = 1\frac{89}{198}$$

$$3. \quad 1\frac{5}{8} \div 3\frac{1}{3} = \frac{13}{8} \div \frac{10}{3} = \frac{13}{8} \times \frac{3}{10} = \frac{39}{80}$$

$$4. \quad 1\frac{3}{4} \div 3\frac{2}{3} = \frac{7}{4} \div \frac{11}{3} = \frac{7}{4} \times \frac{3}{11} = \frac{21}{44}$$

$$5. \quad 3\frac{6}{7} \div 3\frac{7}{8} = \frac{27}{7} \div \frac{31}{8} = \frac{27}{7} \times \frac{8}{31} = \frac{216}{217}$$

$$6. \quad 3\frac{3}{4} \div 5\frac{3}{5} = \frac{15}{4} \div \frac{28}{5} = \frac{15}{4} \times \frac{5}{28} = \frac{75}{112}$$

$$7. \quad 5\frac{1}{3} \div 1\frac{1}{2} = \frac{16}{3} \div \frac{3}{2} = \frac{16}{3} \times \frac{2}{3} = \frac{32}{9} = 3\frac{5}{9}$$

$$8. \quad 3\frac{1}{2} \div 1\frac{6}{7} = \frac{7}{2} \div \frac{13}{7} = \frac{7}{2} \times \frac{7}{13} = \frac{49}{26} = 1\frac{23}{26}$$

$$9. \quad 1\frac{1}{5} \div 2\frac{1}{9} = \frac{6}{5} \div \frac{19}{9} = \frac{6}{5} \times \frac{9}{19} = \frac{54}{95}$$

$$10. \quad 2\frac{1}{2} \div 2\frac{8}{9} = \frac{5}{2} \div \frac{26}{9} = \frac{5}{2} \times \frac{9}{26} = \frac{45}{52}$$