

Dividing Fractions (F)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $2\frac{3}{8} \div 4\frac{2}{9} =$

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

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

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

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

10. $5\frac{1}{8} \div 3\frac{2}{5} =$

Dividing Fractions (F) Answers

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Calculate each quotient.

$$1. \quad 2\frac{3}{8} \div 4\frac{1}{4} = \frac{19}{8} \div \frac{17}{4} = \frac{19}{8} \times \frac{4}{17} = \frac{76}{136} = \frac{19}{34}$$

$$2. \quad 5\frac{1}{9} \div 4\frac{1}{3} = \frac{46}{9} \div \frac{13}{3} = \frac{46}{9} \times \frac{3}{13} = \frac{138}{117} = \frac{46}{39} = 1\frac{7}{39}$$

$$3. \quad 1\frac{5}{9} \div 3\frac{3}{5} = \frac{14}{9} \div \frac{18}{5} = \frac{14}{9} \times \frac{5}{18} = \frac{70}{162} = \frac{35}{81}$$

$$4. \quad 3\frac{3}{4} \div 3\frac{1}{2} = \frac{15}{4} \div \frac{7}{2} = \frac{15}{4} \times \frac{2}{7} = \frac{30}{28} = \frac{15}{14} = 1\frac{1}{14}$$

$$5. \quad 2\frac{3}{8} \div 4\frac{2}{9} = \frac{19}{8} \div \frac{38}{9} = \frac{19}{8} \times \frac{9}{38} = \frac{171}{304} = \frac{9}{16}$$

$$6. \quad 4\frac{5}{6} \div 2\frac{1}{6} = \frac{29}{6} \div \frac{13}{6} = \frac{29}{6} \times \frac{6}{13} = \frac{174}{78} = \frac{29}{13} = 2\frac{3}{13}$$

$$7. \quad 4\frac{1}{2} \div 1\frac{1}{3} = \frac{9}{2} \div \frac{4}{3} = \frac{9}{2} \times \frac{3}{4} = \frac{27}{8} = 3\frac{3}{8}$$

$$8. \quad 2\frac{1}{2} \div 3\frac{1}{3} = \frac{5}{2} \div \frac{10}{3} = \frac{5}{2} \times \frac{3}{10} = \frac{15}{20} = \frac{3}{4}$$

$$9. \quad 5\frac{5}{7} \div 1\frac{2}{5} = \frac{40}{7} \div \frac{7}{5} = \frac{40}{7} \times \frac{5}{7} = \frac{200}{49} = 4\frac{4}{49}$$

$$10. \quad 5\frac{1}{8} \div 3\frac{2}{5} = \frac{41}{8} \div \frac{17}{5} = \frac{41}{8} \times \frac{5}{17} = \frac{205}{136} = 1\frac{69}{136}$$