

Dividing Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $1\frac{5}{8} \div 3\frac{3}{4} =$

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

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

4. $1\frac{2}{3} \div 2\frac{7}{8} =$

5. $3\frac{1}{9} \div 1\frac{5}{6} =$

6. $1\frac{4}{5} \div 4\frac{3}{8} =$

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

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

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

10. $5\frac{4}{5} \div 4\frac{4}{9} =$

Dividing Fractions (A) Answers

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Calculate each quotient.

$$1. \quad 1\frac{5}{8} \div 3\frac{3}{4} = \frac{13}{8} \div \frac{15}{4} = \frac{13}{8} \times \frac{4}{15} = \frac{52}{120} = \frac{13}{30}$$

$$2. \quad 3\frac{2}{3} \div 2\frac{1}{9} = \frac{11}{3} \div \frac{19}{9} = \frac{11}{3} \times \frac{9}{19} = \frac{99}{57} = \frac{33}{19} = 1\frac{14}{19}$$

$$3. \quad 5\frac{1}{5} \div 2\frac{1}{2} = \frac{26}{5} \div \frac{5}{2} = \frac{26}{5} \times \frac{2}{5} = \frac{52}{25} = 2\frac{2}{25}$$

$$4. \quad 1\frac{2}{3} \div 2\frac{7}{8} = \frac{5}{3} \div \frac{23}{8} = \frac{5}{3} \times \frac{8}{23} = \frac{40}{69}$$

$$5. \quad 3\frac{1}{9} \div 1\frac{5}{6} = \frac{28}{9} \div \frac{11}{6} = \frac{28}{9} \times \frac{6}{11} = \frac{168}{99} = \frac{56}{33} = 1\frac{23}{33}$$

$$6. \quad 1\frac{4}{5} \div 4\frac{3}{8} = \frac{9}{5} \div \frac{35}{8} = \frac{9}{5} \times \frac{8}{35} = \frac{72}{175}$$

$$7. \quad 5\frac{3}{4} \div 5\frac{1}{4} = \frac{23}{4} \div \frac{21}{4} = \frac{23}{4} \times \frac{4}{21} = \frac{92}{84} = \frac{23}{21} = 1\frac{2}{21}$$

$$8. \quad 2\frac{1}{3} \div 3\frac{1}{2} = \frac{7}{3} \div \frac{7}{2} = \frac{7}{3} \times \frac{2}{7} = \frac{14}{21} = \frac{2}{3}$$

$$9. \quad 2\frac{1}{4} \div 4\frac{1}{2} = \frac{9}{4} \div \frac{9}{2} = \frac{9}{4} \times \frac{2}{9} = \frac{18}{36} = \frac{1}{2}$$

$$10. \quad 5\frac{4}{5} \div 4\frac{4}{9} = \frac{29}{5} \div \frac{40}{9} = \frac{29}{5} \times \frac{9}{40} = \frac{261}{200} = 1\frac{61}{200}$$