

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

9. $5\frac{5}{6} \div 5\frac{4}{7} =$

10. $5\frac{5}{6} \div 4\frac{1}{5} =$

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad 4\frac{1}{2} \div 3\frac{2}{9} = \frac{9}{2} \div \frac{29}{9} = \frac{9}{2} \times \frac{9}{29} = \frac{81}{58} = 1\frac{23}{58}$$

$$2. \quad 1\frac{1}{3} \div 1\frac{1}{6} = \frac{4}{3} \div \frac{7}{6} = \frac{4}{3} \times \frac{6}{7} = \frac{24}{21} = \frac{8}{7} = 1\frac{1}{7}$$

$$3. \quad 2\frac{2}{7} \div 4\frac{1}{7} = \frac{16}{7} \div \frac{29}{7} = \frac{16}{7} \times \frac{7}{29} = \frac{112}{203} = \frac{16}{29}$$

$$4. \quad 2\frac{1}{2} \div 1\frac{1}{5} = \frac{5}{2} \div \frac{6}{5} = \frac{5}{2} \times \frac{5}{6} = \frac{25}{12} = 2\frac{1}{12}$$

$$5. \quad 5\frac{1}{4} \div 2\frac{3}{4} = \frac{21}{4} \div \frac{11}{4} = \frac{21}{4} \times \frac{4}{11} = \frac{84}{44} = \frac{21}{11} = 1\frac{10}{11}$$

$$6. \quad 4\frac{1}{2} \div 3\frac{3}{5} = \frac{9}{2} \div \frac{18}{5} = \frac{9}{2} \times \frac{5}{18} = \frac{45}{36} = \frac{5}{4} = 1\frac{1}{4}$$

$$7. \quad 3\frac{3}{4} \div 5\frac{1}{3} = \frac{15}{4} \div \frac{16}{3} = \frac{15}{4} \times \frac{3}{16} = \frac{45}{64}$$

$$8. \quad 4\frac{1}{2} \div 3\frac{3}{7} = \frac{9}{2} \div \frac{24}{7} = \frac{9}{2} \times \frac{7}{24} = \frac{63}{48} = \frac{21}{16} = 1\frac{5}{16}$$

$$9. \quad 5\frac{5}{6} \div 5\frac{4}{7} = \frac{35}{6} \div \frac{39}{7} = \frac{35}{6} \times \frac{7}{39} = \frac{245}{234} = 1\frac{11}{234}$$

$$10. \quad 5\frac{5}{6} \div 4\frac{1}{5} = \frac{35}{6} \div \frac{21}{5} = \frac{35}{6} \times \frac{5}{21} = \frac{175}{126} = \frac{25}{18} = 1\frac{7}{18}$$