

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Fractions (D) Answers

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Calculate each quotient.

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

$$2. \quad 4\frac{1}{4} \div 5\frac{1}{2} = \frac{17}{4} \div \frac{11}{2} = \frac{17}{4} \times \frac{2}{11} = \frac{34}{44} = \frac{17}{22}$$

$$3. \quad 5\frac{1}{3} \div 4\frac{2}{3} = \frac{16}{3} \div \frac{14}{3} = \frac{16}{3} \times \frac{3}{14} = \frac{48}{42} = \frac{8}{7} = 1\frac{1}{7}$$

$$4. \quad 5\frac{1}{3} \div 3\frac{2}{3} = \frac{16}{3} \div \frac{11}{3} = \frac{16}{3} \times \frac{3}{11} = \frac{48}{33} = \frac{16}{11} = 1\frac{5}{11}$$

$$5. \quad 3\frac{3}{5} \div 2\frac{5}{6} = \frac{18}{5} \div \frac{17}{6} = \frac{18}{5} \times \frac{6}{17} = \frac{108}{85} = 1\frac{23}{85}$$

$$6. \quad 3\frac{1}{2} \div 4\frac{1}{3} = \frac{7}{2} \div \frac{13}{3} = \frac{7}{2} \times \frac{3}{13} = \frac{21}{26}$$

$$7. \quad 3\frac{1}{5} \div 5\frac{7}{9} = \frac{16}{5} \div \frac{52}{9} = \frac{16}{5} \times \frac{9}{52} = \frac{144}{260} = \frac{36}{65}$$

$$8. \quad 4\frac{1}{3} \div 1\frac{1}{3} = \frac{13}{3} \div \frac{4}{3} = \frac{13}{3} \times \frac{3}{4} = \frac{39}{12} = \frac{13}{4} = 3\frac{1}{4}$$

$$9. \quad 5\frac{4}{7} \div 5\frac{1}{3} = \frac{39}{7} \div \frac{16}{3} = \frac{39}{7} \times \frac{3}{16} = \frac{117}{112} = 1\frac{5}{112}$$

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