

Dividing Fractions (B)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $2\frac{5}{6} \div 5\frac{8}{9} =$

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

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

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

10. $2\frac{2}{3} \div 4\frac{1}{3} =$

Dividing Fractions (B) Answers

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Calculate each quotient.

$$1. \quad 1\frac{1}{3} \div 3\frac{1}{3} = \frac{4}{3} \div \frac{10}{3} = \frac{4}{3} \times \frac{3}{10} = \frac{12}{30} = \frac{2}{5}$$

$$2. \quad 2\frac{2}{3} \div 5\frac{5}{9} = \frac{8}{3} \div \frac{50}{9} = \frac{8}{3} \times \frac{9}{50} = \frac{72}{150} = \frac{12}{25}$$

$$3. \quad 2\frac{1}{4} \div 1\frac{1}{2} = \frac{9}{4} \div \frac{3}{2} = \frac{9}{4} \times \frac{2}{3} = \frac{18}{12} = \frac{3}{2} = 1\frac{1}{2}$$

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

$$5. \quad 4\frac{3}{8} \div 3\frac{1}{8} = \frac{35}{8} \div \frac{25}{8} = \frac{35}{8} \times \frac{8}{25} = \frac{280}{200} = \frac{7}{5} = 1\frac{2}{5}$$

$$6. \quad 2\frac{5}{6} \div 5\frac{8}{9} = \frac{17}{6} \div \frac{53}{9} = \frac{17}{6} \times \frac{9}{53} = \frac{153}{318} = \frac{51}{106}$$

$$7. \quad 1\frac{1}{2} \div 3\frac{1}{2} = \frac{3}{2} \div \frac{7}{2} = \frac{3}{2} \times \frac{2}{7} = \frac{6}{14} = \frac{3}{7}$$

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

$$9. \quad 2\frac{1}{3} \div 4\frac{2}{3} = \frac{7}{3} \div \frac{14}{3} = \frac{7}{3} \times \frac{3}{14} = \frac{21}{42} = \frac{1}{2}$$

$$10. \quad 2\frac{2}{3} \div 4\frac{1}{3} = \frac{8}{3} \div \frac{13}{3} = \frac{8}{3} \times \frac{3}{13} = \frac{24}{39} = \frac{8}{13}$$