

Dividing Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

8. $1\frac{8}{9} \div 3\frac{2}{5} =$

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

10. $2\frac{2}{3} \div 1\frac{2}{9} =$

Dividing Fractions (A) Answers

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Calculate each quotient.

$$1. \quad 2\frac{1}{3} \div 5\frac{4}{9} = \frac{7}{3} \div \frac{49}{9} = \frac{7}{3} \times \frac{9}{49} = \frac{63}{147} = \frac{3}{7}$$

$$2. \quad 4\frac{1}{2} \div 3\frac{1}{2} = \frac{9}{2} \div \frac{7}{2} = \frac{9}{2} \times \frac{2}{7} = \frac{18}{14} = \frac{9}{7} = 1\frac{2}{7}$$

$$3. \quad 2\frac{1}{2} \div 3\frac{1}{2} = \frac{5}{2} \div \frac{7}{2} = \frac{5}{2} \times \frac{2}{7} = \frac{10}{14} = \frac{5}{7}$$

$$4. \quad 4\frac{3}{4} \div 3\frac{1}{2} = \frac{19}{4} \div \frac{7}{2} = \frac{19}{4} \times \frac{2}{7} = \frac{38}{28} = \frac{19}{14} = 1\frac{5}{14}$$

$$5. \quad 4\frac{2}{3} \div 5\frac{5}{6} = \frac{14}{3} \div \frac{35}{6} = \frac{14}{3} \times \frac{6}{35} = \frac{84}{105} = \frac{4}{5}$$

$$6. \quad 3\frac{1}{3} \div 3\frac{2}{3} = \frac{10}{3} \div \frac{11}{3} = \frac{10}{3} \times \frac{3}{11} = \frac{30}{33} = \frac{10}{11}$$

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

$$8. \quad 1\frac{8}{9} \div 3\frac{2}{5} = \frac{17}{9} \div \frac{17}{5} = \frac{17}{9} \times \frac{5}{17} = \frac{85}{153} = \frac{5}{9}$$

$$9. \quad 5\frac{1}{2} \div 3\frac{1}{2} = \frac{11}{2} \div \frac{7}{2} = \frac{11}{2} \times \frac{2}{7} = \frac{22}{14} = \frac{11}{7} = 1\frac{4}{7}$$

$$10. \quad 2\frac{2}{3} \div 1\frac{2}{9} = \frac{8}{3} \div \frac{11}{9} = \frac{8}{3} \times \frac{9}{11} = \frac{72}{33} = \frac{24}{11} = 2\frac{2}{11}$$