

Dividing Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $7 \div 1\frac{1}{2} =$

6. $7 \div 3\frac{2}{5} =$

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

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

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

10. $9 \div 3\frac{1}{4} =$

Dividing Fractions (C) Answers

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Calculate each quotient.

$$1. \quad 8 \div 2\frac{3}{4} = \frac{8}{1} \div \frac{11}{4} = \frac{8}{1} \times \frac{4}{11} = \frac{32}{11} = 2\frac{10}{11}$$

$$2. \quad 3\frac{5}{9} \div 3 = \frac{32}{9} \div \frac{3}{1} = \frac{32}{9} \times \frac{1}{3} = \frac{32}{27} = 1\frac{5}{27}$$

$$3. \quad 1\frac{1}{2} \div 8 = \frac{3}{2} \div \frac{8}{1} = \frac{3}{2} \times \frac{1}{8} = \frac{3}{16}$$

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

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

$$6. \quad 7 \div 3\frac{2}{5} = \frac{7}{1} \div \frac{17}{5} = \frac{7}{1} \times \frac{5}{17} = \frac{35}{17} = 2\frac{1}{17}$$

$$7. \quad 5 \div 1\frac{5}{9} = \frac{5}{1} \div \frac{14}{9} = \frac{5}{1} \times \frac{9}{14} = \frac{45}{14} = 3\frac{3}{14}$$

$$8. \quad 2\frac{1}{2} \div 3 = \frac{5}{2} \div \frac{3}{1} = \frac{5}{2} \times \frac{1}{3} = \frac{5}{6}$$

$$9. \quad 2\frac{3}{5} \div 2 = \frac{13}{5} \div \frac{2}{1} = \frac{13}{5} \times \frac{1}{2} = \frac{13}{10} = 1\frac{3}{10}$$

$$10. \quad 9 \div 3\frac{1}{4} = \frac{9}{1} \div \frac{13}{4} = \frac{9}{1} \times \frac{4}{13} = \frac{36}{13} = 2\frac{10}{13}$$