

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

5. $7 \div 2\frac{1}{3} =$

6. $6 \div 1\frac{1}{7} =$

7. $9 \div 1\frac{1}{2} =$

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

9. $2\frac{2}{9} \div 7 =$

10. $1\frac{6}{7} \div 3 =$

Dividing Fractions (E) Answers

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Calculate each quotient.

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

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

$$3. \quad 2\frac{1}{2} \div 4 = \frac{5}{2} \div \frac{4}{1} = \frac{5}{2} \times \frac{1}{4} = \frac{5}{8}$$

$$4. \quad 4 \div 3\frac{1}{5} = \frac{4}{1} \div \frac{16}{5} = \frac{4}{1} \times \frac{5}{16} = \frac{20}{16} = \frac{5}{4} = 1\frac{1}{4}$$

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

$$6. \quad 6 \div 1\frac{1}{7} = \frac{6}{1} \div \frac{8}{7} = \frac{6}{1} \times \frac{7}{8} = \frac{42}{8} = \frac{21}{4} = 5\frac{1}{4}$$

$$7. \quad 9 \div 1\frac{1}{2} = \frac{9}{1} \div \frac{3}{2} = \frac{9}{1} \times \frac{2}{3} = \frac{18}{3} = 6$$

$$8. \quad 2\frac{1}{2} \div 8 = \frac{5}{2} \div \frac{8}{1} = \frac{5}{2} \times \frac{1}{8} = \frac{5}{16}$$

$$9. \quad 2\frac{2}{9} \div 7 = \frac{20}{9} \div \frac{7}{1} = \frac{20}{9} \times \frac{1}{7} = \frac{20}{63}$$

$$10. \quad 1\frac{6}{7} \div 3 = \frac{13}{7} \div \frac{3}{1} = \frac{13}{7} \times \frac{1}{3} = \frac{13}{21}$$