

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $2\frac{3}{8} \div 8 =$

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

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

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

10. $3 \div 1\frac{5}{9} =$

Dividing Fractions (I) Answers

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Calculate each quotient.

$$1. \quad 3\frac{3}{5} \div 8 = \frac{18}{5} \div \frac{8}{1} = \frac{18}{5} \times \frac{1}{8} = \frac{18}{40} = \frac{9}{20}$$

$$2. \quad 3 \div 1\frac{3}{5} = \frac{3}{1} \div \frac{8}{5} = \frac{3}{1} \times \frac{5}{8} = \frac{15}{8} = 1\frac{7}{8}$$

$$3. \quad 3\frac{1}{7} \div 7 = \frac{22}{7} \div \frac{7}{1} = \frac{22}{7} \times \frac{1}{7} = \frac{22}{49}$$

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

$$5. \quad 8 \div 1\frac{4}{5} = \frac{8}{1} \div \frac{9}{5} = \frac{8}{1} \times \frac{5}{9} = \frac{40}{9} = 4\frac{4}{9}$$

$$6. \quad 2\frac{3}{8} \div 8 = \frac{19}{8} \div \frac{8}{1} = \frac{19}{8} \times \frac{1}{8} = \frac{19}{64}$$

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

$$8. \quad 3\frac{1}{2} \div 6 = \frac{7}{2} \div \frac{6}{1} = \frac{7}{2} \times \frac{1}{6} = \frac{7}{12}$$

$$9. \quad 8 \div 2\frac{2}{9} = \frac{8}{1} \div \frac{20}{9} = \frac{8}{1} \times \frac{9}{20} = \frac{72}{20} = \frac{18}{5} = 3\frac{3}{5}$$

$$10. \quad 3 \div 1\frac{5}{9} = \frac{3}{1} \div \frac{14}{9} = \frac{3}{1} \times \frac{9}{14} = \frac{27}{14} = 1\frac{13}{14}$$