

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $6 \div 3\frac{4}{5} =$

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

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

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

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

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

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

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

9. $3\frac{1}{2} \div 7 =$

10. $3\frac{2}{5} \div 8 =$

Dividing Fractions (D) Answers

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Calculate each quotient.

$$1. \quad 6 \div 3\frac{4}{5} = \frac{6}{1} \div \frac{19}{5} = \frac{6}{1} \times \frac{5}{19} = \frac{30}{19} = 1\frac{11}{19}$$

$$2. \quad 9 \div 2\frac{1}{8} = \frac{9}{1} \div \frac{17}{8} = \frac{9}{1} \times \frac{8}{17} = \frac{72}{17} = 4\frac{4}{17}$$

$$3. \quad 3\frac{1}{5} \div 9 = \frac{16}{5} \div \frac{9}{1} = \frac{16}{5} \times \frac{1}{9} = \frac{16}{45}$$

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

$$5. \quad 3\frac{2}{3} \div 5 = \frac{11}{3} \div \frac{5}{1} = \frac{11}{3} \times \frac{1}{5} = \frac{11}{15}$$

$$6. \quad 5 \div 2\frac{2}{5} = \frac{5}{1} \div \frac{12}{5} = \frac{5}{1} \times \frac{5}{12} = \frac{25}{12} = 2\frac{1}{12}$$

$$7. \quad 5 \div 3\frac{2}{7} = \frac{5}{1} \div \frac{23}{7} = \frac{5}{1} \times \frac{7}{23} = \frac{35}{23} = 1\frac{12}{23}$$

$$8. \quad 1\frac{1}{2} \div 5 = \frac{3}{2} \div \frac{5}{1} = \frac{3}{2} \times \frac{1}{5} = \frac{3}{10}$$

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

$$10. \quad 3\frac{2}{5} \div 8 = \frac{17}{5} \div \frac{8}{1} = \frac{17}{5} \times \frac{1}{8} = \frac{17}{40}$$