

Dividing Fractions (D)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

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

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

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

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

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

Dividing Fractions (D) Answers

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Calculate each quotient.

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

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

$$3. \quad 8 \div 3\frac{3}{4} = \frac{8}{1} \div \frac{15}{4} = \frac{8}{1} \times \frac{4}{15} = \frac{32}{15} = 2\frac{2}{15}$$

$$4. \quad 2\frac{1}{2} \div 3 = \frac{5}{2} \div \frac{3}{1} = \frac{5}{2} \times \frac{1}{3} = \frac{5}{6}$$

$$5. \quad 3 \div 1\frac{3}{4} = \frac{3}{1} \div \frac{7}{4} = \frac{3}{1} \times \frac{4}{7} = \frac{12}{7} = 1\frac{5}{7}$$

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

$$7. \quad 3\frac{3}{7} \div 7 = \frac{24}{7} \div \frac{7}{1} = \frac{24}{7} \times \frac{1}{7} = \frac{24}{49}$$

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

$$9. \quad 8 \div 2\frac{1}{2} = \frac{8}{1} \div \frac{5}{2} = \frac{8}{1} \times \frac{2}{5} = \frac{16}{5} = 3\frac{1}{5}$$

$$10. \quad 3\frac{3}{5} \div 5 = \frac{18}{5} \div \frac{5}{1} = \frac{18}{5} \times \frac{1}{5} = \frac{18}{25}$$