

Dividing Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

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

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

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

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

6. $\frac{5}{8} \div 5 =$

7. $\frac{3}{4} \div 9 =$

8. $\frac{4}{7} \div 4 =$

9. $5 \div \frac{5}{6} =$

10. $\frac{2}{9} \div 6 =$

Dividing Fractions (E) Answers

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Calculate each quotient.

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

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

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

$$4. 6 \div \frac{3}{4} = \frac{6}{1} \div \frac{3}{4} = \frac{6}{1} \times \frac{4}{3} = \frac{24}{3} = 8$$

$$5. \frac{2}{3} \div 8 = \frac{2}{3} \div \frac{8}{1} = \frac{2}{3} \times \frac{1}{8} = \frac{2}{24} = \frac{1}{12}$$

$$6. \frac{5}{8} \div 5 = \frac{5}{8} \div \frac{5}{1} = \frac{5}{8} \times \frac{1}{5} = \frac{5}{40} = \frac{1}{8}$$

$$7. \frac{3}{4} \div 9 = \frac{3}{4} \div \frac{9}{1} = \frac{3}{4} \times \frac{1}{9} = \frac{3}{36} = \frac{1}{12}$$

$$8. \frac{4}{7} \div 4 = \frac{4}{7} \div \frac{4}{1} = \frac{4}{7} \times \frac{1}{4} = \frac{4}{28} = \frac{1}{7}$$

$$9. 5 \div \frac{5}{6} = \frac{5}{1} \div \frac{5}{6} = \frac{5}{1} \times \frac{6}{5} = \frac{30}{5} = 6$$

$$10. \frac{2}{9} \div 6 = \frac{2}{9} \div \frac{6}{1} = \frac{2}{9} \times \frac{1}{6} = \frac{2}{54} = \frac{1}{27}$$