

Dividing Fractions (I)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

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

2. $6 \div \frac{9}{8} =$

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

4. $2 \div \frac{10}{7} =$

5. $\frac{18}{7} \div 3 =$

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

7. $8 \div \frac{4}{3} =$

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

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

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

Dividing Fractions (I) Answers

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Calculate each quotient.

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

$$2. \quad 6 \div \frac{9}{8} = \frac{6}{1} \div \frac{9}{8} = \frac{6}{1} \times \frac{8}{9} = \frac{48}{9} = \frac{16}{3} = 5\frac{1}{3}$$

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

$$4. \quad 2 \div \frac{10}{7} = \frac{2}{1} \div \frac{10}{7} = \frac{2}{1} \times \frac{7}{10} = \frac{14}{10} = \frac{7}{5} = 1\frac{2}{5}$$

$$5. \quad \frac{18}{7} \div 3 = \frac{18}{7} \div \frac{3}{1} = \frac{18}{7} \times \frac{1}{3} = \frac{18}{21} = \frac{6}{7}$$

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

$$7. \quad 8 \div \frac{4}{3} = \frac{8}{1} \div \frac{4}{3} = \frac{8}{1} \times \frac{3}{4} = \frac{24}{4} = 6$$

$$8. \quad 2 \div \frac{4}{3} = \frac{2}{1} \div \frac{4}{3} = \frac{2}{1} \times \frac{3}{4} = \frac{6}{4} = \frac{3}{2} = 1\frac{1}{2}$$

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

$$10. \quad \frac{4}{3} \div 6 = \frac{4}{3} \div \frac{6}{1} = \frac{4}{3} \times \frac{1}{6} = \frac{4}{18} = \frac{2}{9}$$