

Dividing Fractions (C)

Name: _____

Date: _____

Score: _____

Calculate each quotient.

1. $\frac{14}{9} \div 8 =$

2. $\frac{16}{7} \div 8 =$

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

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

5. $9 \div \frac{9}{4} =$

6. $7 \div \frac{7}{5} =$

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

8. $\frac{20}{7} \div 2 =$

9. $\frac{20}{7} \div 6 =$

10. $\frac{12}{5} \div 9 =$

Dividing Fractions (C) Answers

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Calculate each quotient.

$$1. \frac{14}{9} \div 8 = \frac{14}{9} \div \frac{8}{1} = \frac{14}{9} \times \frac{1}{8} = \frac{14}{72} = \frac{7}{36}$$

$$2. \frac{16}{7} \div 8 = \frac{16}{7} \div \frac{8}{1} = \frac{16}{7} \times \frac{1}{8} = \frac{16}{56} = \frac{2}{7}$$

$$3. 3 \div \frac{9}{7} = \frac{3}{1} \div \frac{9}{7} = \frac{3}{1} \times \frac{7}{9} = \frac{21}{9} = \frac{7}{3} = 2\frac{1}{3}$$

$$4. \frac{18}{7} \div 3 = \frac{18}{7} \div \frac{3}{1} = \frac{18}{7} \times \frac{1}{3} = \frac{18}{21} = \frac{6}{7}$$

$$5. 9 \div \frac{9}{4} = \frac{9}{1} \div \frac{9}{4} = \frac{9}{1} \times \frac{4}{9} = \frac{36}{9} = 4$$

$$6. 7 \div \frac{7}{5} = \frac{7}{1} \div \frac{7}{5} = \frac{7}{1} \times \frac{5}{7} = \frac{35}{7} = 5$$

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

$$8. \frac{20}{7} \div 2 = \frac{20}{7} \div \frac{2}{1} = \frac{20}{7} \times \frac{1}{2} = \frac{20}{14} = \frac{10}{7} = 1\frac{3}{7}$$

$$9. \frac{20}{7} \div 6 = \frac{20}{7} \div \frac{6}{1} = \frac{20}{7} \times \frac{1}{6} = \frac{20}{42} = \frac{10}{21}$$

$$10. \frac{12}{5} \div 9 = \frac{12}{5} \div \frac{9}{1} = \frac{12}{5} \times \frac{1}{9} = \frac{12}{45} = \frac{4}{15}$$