

# Divide Fractions Test Answers

Name \_\_\_\_\_

The number sentences may vary. The equation should show the dividend, the divisor, and the quotient.

1.  $1 \frac{3}{4} \div \frac{1}{4} = 7$

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

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

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

5.

dividend

divisor

quotient

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

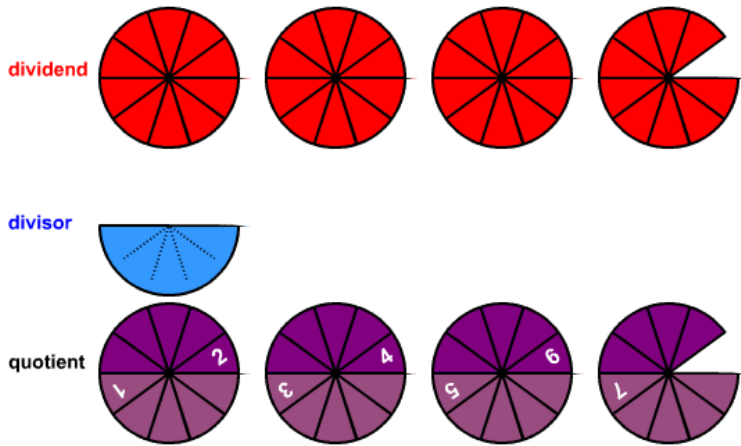
dividend      divisor      Write in fraction form.      Multiply by the reciprocal      simplify

6.

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

dividend      divisor      Write in fraction form.      Multiply by the reciprocal      simplify

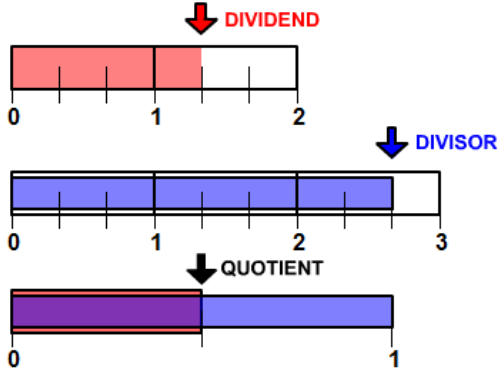
7.



$$3 \frac{9}{10} \div \frac{1}{2} = \frac{39}{10} \div \frac{1}{2} = \frac{39}{10} \times \frac{2}{1} = \frac{78}{10} = 7 \frac{4}{5}$$

dividend      divisor      Write in fraction form.      Multiply by the reciprocal      simplify

8.



$$1 \frac{1}{3} \div 2 \frac{2}{3} = \frac{4}{3} \div \frac{8}{3} = \frac{4}{3} \times \frac{3}{8} = \frac{12}{24} = \frac{1}{2}$$

dividend      divisor      Write in fraction form.      Multiply by the reciprocal      simplify

9.

$$4 \frac{2}{3} \div 5 = \frac{14}{15}$$

10.

$$6 \frac{3}{5} \div 6 = 1 \frac{1}{10}$$