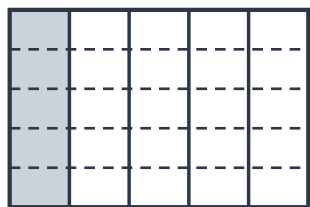


Dividing Fractions

Unit Review (page 1 of 2)

1. Shade one piece of the shaded part. Then divide.



$$\frac{1}{5} \div 5 = \boxed{}$$

2. Divide.

$$\frac{1}{2} \div 10 = \boxed{} \quad \frac{1}{12} \div 4 = \boxed{}$$

3. How many fourths are in 4? Draw the jumps. Then divide.



$$4 \div \frac{1}{4} = \boxed{}$$

4. Divide.

$$2 \div \frac{1}{12} = \boxed{} \quad 10 \div \frac{1}{3} = \boxed{}$$

5. Divide. Then write a multiplication that checks it.

$$4 \div \frac{1}{10} = \boxed{}$$

Check: $\boxed{} \times \boxed{} = \boxed{}$

6. Find each missing number.

$$\frac{1}{4} \div \boxed{} = \frac{1}{36} \quad \boxed{} \div \frac{1}{3} = 21$$

Dividing Fractions

Unit Review (page 2 of 2)

7. Write an equation for the story.
Then write the answer.

A tank holds 8 liters of water. Each bottle holds $\frac{1}{4}$ liter. How many bottles can be filled from the tank?

Equation: _____

Answer: bottles

8. Write an equation for the story.
Then write the answer.

Dad has $\frac{1}{2}$ pound of grapes. He puts the same amount in each of 7 lunch bags. How much is in each bag?

Equation: _____

Answer: pound

9. Divide. Write each answer in simplest form.

$$\frac{4}{5} \div \frac{2}{3} = \boxed{}$$

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

10. Write each fraction as a decimal.
Write the decimal as a mixed number.

$$3\frac{5}{8} = \underline{\hspace{2cm}} \qquad \frac{21}{50} = \underline{\hspace{2cm}}$$

$$5.333... = \boxed{} \frac{\boxed{}}{\boxed{}}$$

11. Mark each number on the line with its letter. Then write the numbers from least to greatest.



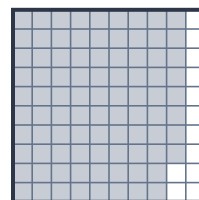
A: $4\frac{2}{5}$

B: 4.9

C: $\frac{23}{5}$

_____ < _____ < _____

12. Fill in the blanks. Write the fraction in simplest form.



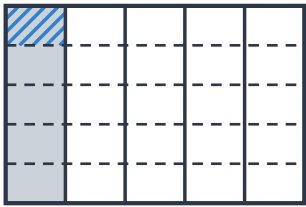
Shaded: _____ % = $\frac{\boxed{}}{\boxed{}}$
 $\frac{13}{50} = \underline{\hspace{2cm}} \%$

Dividing Fractions

Unit Review (page 1 of 2)

1. Shade one piece of the shaded part. Then divide.

One way



$$\frac{1}{5} \div 5 = \frac{1}{25}$$

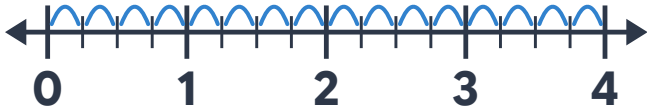
Lesson 9.1 · A unit fraction divided by a whole number

2. Divide.

$$\frac{1}{2} \div 10 = \frac{1}{20} \quad \frac{1}{12} \div 4 = \frac{1}{48}$$

Lesson 9.1 · A unit fraction divided by a whole number

3. How many fourths are in 4? Draw the jumps. Then divide.



$$4 \div \frac{1}{4} = 16$$

Lesson 9.2 · A whole number divided by a unit fraction

4. Divide.

$$2 \div \frac{1}{12} = 24 \quad 10 \div \frac{1}{3} = 30$$

Lesson 9.2 · A whole number divided by a unit fraction

5. Divide. Then write a multiplication that checks it.

$$4 \div \frac{1}{10} = 40$$

Check: $40 \times \frac{1}{10} = 4$ either order

Lesson 9.3 · Check by multiplying

6. Find each missing number.

$$\frac{1}{4} \div 9 = \frac{1}{36} \quad 7 \div \frac{1}{3} = 21$$

Lesson 9.3 · Check by multiplying

Dividing Fractions

Unit Review (page 2 of 2)

7. Write an equation for the story.
Then write the answer.

A tank holds 8 liters of water. Each bottle holds $\frac{1}{4}$ liter. How many bottles can be filled from the tank?

Equation: $8 \div \frac{1}{4} = 32$ One way

Answer: 32 bottles

Lesson 9.4 · Fraction division stories

8. Write an equation for the story.
Then write the answer.

Dad has $\frac{1}{2}$ pound of grapes. He puts the same amount in each of 7 lunch bags. How much is in each bag?

Equation: $\frac{1}{2} \div 7 = \frac{1}{14}$ One way

Answer: $\frac{1}{14}$ pound

Lesson 9.4 · Fraction division stories

9. Divide. Write each answer in simplest form.

$$\frac{4}{5} \div \frac{2}{3} = \boxed{1\frac{1}{5}} \text{ or } \frac{6}{5}$$

$$3\frac{1}{2} \div \frac{3}{4} = \boxed{4\frac{2}{3}} \text{ or } \frac{14}{3}$$

Lesson 9.5 · A fraction divided by a fraction

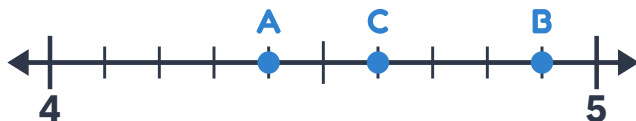
10. Write each fraction as a decimal.
Write the decimal as a mixed number.

$$3\frac{5}{8} = \underline{3.625} \quad \frac{21}{50} = \underline{0.42}$$

$$5.333... = \boxed{5} \frac{\boxed{1}}{\boxed{3}} \text{ or } \frac{16}{3}$$

Lesson 9.6 · Fractions as decimals and back

11. Mark each number on the line with its letter. Then write the numbers from least to greatest.

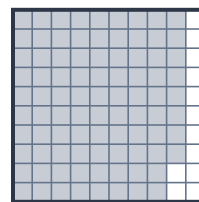


$$A: 4\frac{2}{5} \quad B: 4.9 \quad C: \frac{23}{5}$$

$$\underline{4\frac{2}{5}} < \underline{\frac{23}{5}} < \underline{4.9}$$

Lesson 9.7 · Compare and order on a number line

12. Fill in the blanks. Write the fraction in simplest form.



Shaded: $\frac{88}{100} \% = \frac{\boxed{22}}{\boxed{25}}$

$$\frac{13}{50} = \underline{26} \%$$

Lesson 9.8 · Percents as parts of 100