

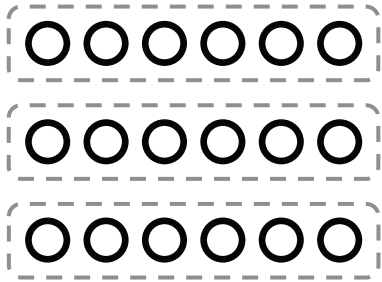
Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Fractional Part of a Number

Practice to review... I can find a fractional part of a number!

I can find  $\frac{1}{3}$  of 18.

I can draw a model.



$\frac{1}{3}$  of 18 is \_\_\_\_\_

I can think about equivalent fractions.

$$\begin{array}{l} \text{part} \rightarrow \frac{1}{3} = \frac{\square}{18} \leftarrow \text{part} \\ \text{whole} \rightarrow \frac{1}{3} = \frac{18}{18} \leftarrow \text{whole} \end{array}$$

## Practice to remember...

Find the fractional part of each number.

1.  $\frac{2}{3}$  of 6

\_\_\_\_\_

2.  $\frac{3}{8}$  of 24

\_\_\_\_\_

3.  $\frac{2}{5}$  of 25

\_\_\_\_\_

4.  $\frac{3}{10}$  of 50

\_\_\_\_\_

5.  $\frac{4}{7}$  of 35

\_\_\_\_\_

6.  $\frac{3}{4}$  of 36

\_\_\_\_\_

7.  $\frac{1}{4}$  of 32

\_\_\_\_\_

8.  $\frac{3}{5}$  of 45

\_\_\_\_\_

9.  $\frac{1}{8}$  of 40

\_\_\_\_\_

Answer the question. Show your thinking.

10. Blake has 15 musical instruments. Guitars make up  $\frac{2}{5}$  of the instruments Blake has. How many of the musical instruments are guitars? Show how you know.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Remembering

Practice for fluency...

What is the value of the underlined digit?

11. 940,283

a. 40

b. 400

c. 4,000

d. 40,000

12. 105,384

a. 5

b. 50

c. 5,000

d. 500,000

Find each missing number.

13. 40 mm = \_\_\_\_\_ cm

14. \_\_\_\_\_ mm = 7 cm

15. 50 mm = \_\_\_\_\_ cm

16. \_\_\_\_\_ mm = 8 cm

Answer each question.

17. A decimal number with two digits is between 4.4 and 4.8. It is less than 4.79 and greater than 4.44. The digit in the tenths place is even. What is the number? Explain.

18. Three pieces of fabric are 2.5 meters, 3.8 meters, and 1.7 meters long. Which two pieces of fabric when placed end-to-end would be between 5 and 6 meters long?

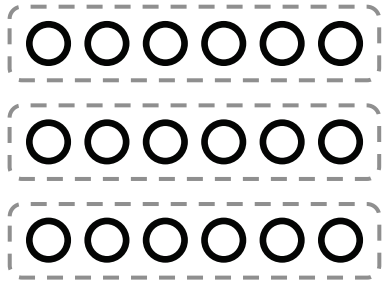
Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Fractional Part of a Number

Practice to review... I can find a fractional part of a number!

Alicia had a basket with 18 cookies in it. Her friends ate  $\frac{2}{3}$  of the cookies. How many cookies did her friends eat?

I can draw a model.



$\frac{2}{3}$  of 18 is \_\_\_\_\_

I can think about equivalent fractions.

$$\begin{array}{l} \text{part} \rightarrow \frac{2}{3} = \frac{\square}{18} \leftarrow \text{part} \\ \text{whole} \rightarrow \frac{2}{3} = \frac{18}{18} \leftarrow \text{whole} \end{array}$$

## Practice to remember...

Kellie and her three friends have coin collections. The number of coins in each person's collection is listed in the table. Use the table for Problems 1–3.

Name	Number of Coins
Kellie	50
Carly	35
Rodney	40
Joshua	36

- Joshua said that  $\frac{4}{9}$  of the coins in his collection are dimes. How many dimes are in Joshua's coin collection? Show how you know.
- In Rodney's coin collection,  $\frac{3}{4}$  of the coins are NOT pennies. How many pennies are in Rodney's collection? Show how you know.
- In Carly's collection,  $\frac{3}{7}$  of the coins are nickels. In Kellie's collection,  $\frac{1}{5}$  of the coins are nickels. Who has more nickels? Show how you know.

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Practice to remember, continued...

What is the value of the underlined digit?

4. Merin has 35 coins. She puts 10 of the coins in her piggy bank. Of the remaining coins, she puts  $\frac{3}{5}$  in her wallet. How many coins did she put in her wallet? Show how you know.

## Remembering

## Practice for fluency...

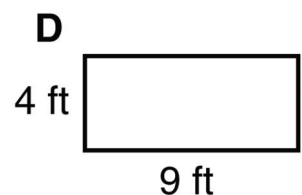
- |  |   |
|--|---|
| <p>5. Brian has 12 meters of canvas for his paintings. He uses <u>4.7</u>8 m for one painting and <u>5.8</u>7 m for another. About how much canvas does he have left?</p> <p>a. about 12 meters    b. about 2 meters</p> <p>c. about 1 meter      d. about 11 meters</p> | <p>6. On Field Day, Gary threw a Frisbee <u>67.2</u>1 ft on his first try. He threw it <u>79.7</u>6 ft on his next try. About how much farther was Gary's second throw?</p> <p>a. about 16 ft    b. about 14 ft</p> <p>c. about 12 ft    d. about 10 ft</p> |
|--|---|

Find each missing number.

- |                        |                        |
|------------------------|------------------------|
| 7. 9,000 g = _____ kg  | 8. _____ kg = 10,000 g |
| 9. 25,000 g = _____ kg | 10. _____ g = 120 kg   |

Answer each question.

11. Carlos bought a large pack of 176 stickers. There are 8 sheets of stickers in the pack. How many stickers are on each sheet? Show how you know.
12. Lori says that her garden has the same area as Garden D, but her garden is a square. What is the length of one side of Lori's garden?



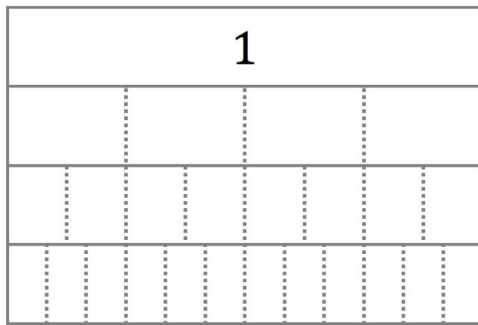
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# Equivalent Fractions

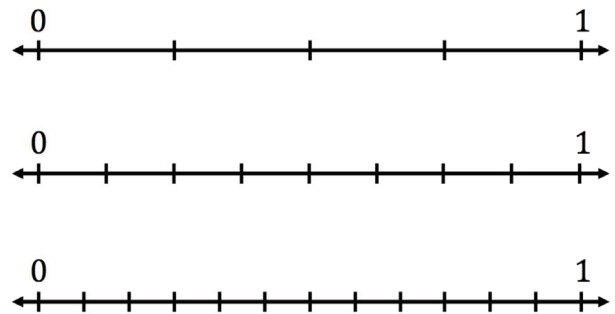
Practice to review... I can identify equivalent fractions!

Two fractions that represent the same part of a whole are **equivalent fractions**.I can use different strategies to find fractions that are equivalent to  $\frac{2}{8}$ .

I can use fraction strips.



I can use number lines.



I can multiply the numerator and denominator of a fraction by the same number.

$$\frac{2}{8} = \frac{2 \times \square}{8 \times \square} = \frac{\square}{\square}$$

I can divide the numerator and denominator of a fraction by the same number (a common factor).

$$\frac{2}{8} = \frac{2 \div \square}{8 \div \square} = \frac{\square}{\square}$$

$$\frac{2}{8} = \frac{\square}{\square} = \frac{\square}{\square}$$

## Practice to remember...

Are the fractions equivalent? Write = or  $\neq$  in the . Show how you know.

1.  $\frac{8}{12}$    $\frac{2}{3}$

2.  $\frac{3}{4}$    $\frac{6}{8}$

Find equivalent fractions. Show how you know.

3.  $\frac{4}{12} = \frac{\square}{\square} = \frac{\square}{\square}$

4.  $\frac{5}{10} = \frac{\square}{\square} = \frac{\square}{\square}$

Name: \_\_\_\_\_ Date: \_\_\_\_\_

RE 2

## Practice to remember, continued...

Find the value of  $x$ . Show how you know.

5.  $\frac{5}{6} = \frac{x}{12}$        $x =$  \_\_\_\_\_

6.  $\frac{x}{3} = \frac{3}{9}$        $x =$  \_\_\_\_\_

## Remembering

Practice for fluency...

Divide.

7.  $3,000 \div 50$

a. 6

b. 60

c. 600

d. 6,000

8.  $60 \overline{)54,000}$

a. 9

b. 90

c. 900

d. 9,000

Kimberly takes dance lessons. There are 8 girls in her class. The table lists the ages of the girls in Kimberly's class. Use the table for Problems 9–10.

9. What is the mean age of the dancers in Kimberly's class? Show your thinking.

Age of Dancers	
Name	Age
Kimberly	11
Jackie	13
Bobbi	10
Jenny	13
Grace	10
Tavrie	11
Whitney	15
Allie	13

10. Which is greater, the mode or the median of the data? Explain.

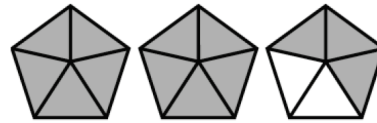
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# Mixed Numbers and Improper Fractions

Practice to review... I can write mixed numbers and improper fractions!

A mixed number is a number that can be represented by a whole number and a fraction.

$$1 + \square + \frac{\square}{\square} = \square \frac{\square}{\square}$$

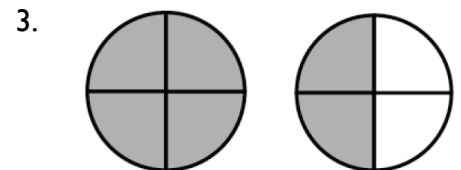
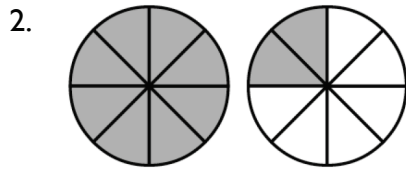


An improper fraction is greater than or equal to 1. It has a numerator that is greater than or equal to the denominator.

$$\frac{5}{5} + \frac{\square}{\square} + \frac{\square}{\square} = \frac{\square}{\square}$$

## Practice to remember...

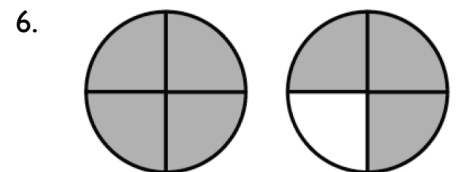
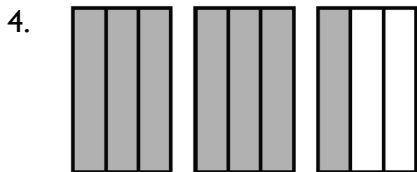
Write an improper fraction for the shaded parts. Then write each as a mixed number or a whole number.



\_\_\_\_\_

\_\_\_\_\_

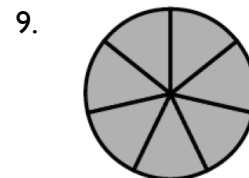
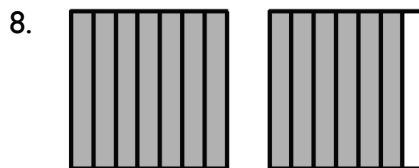
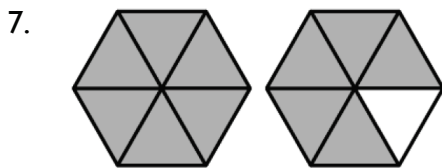
\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

# Remembering

## Practice for fluency...

RE 3

Compare. Choose the correct symbol.

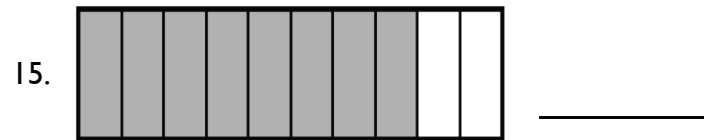
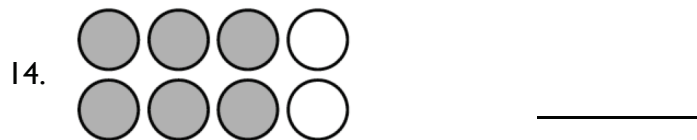
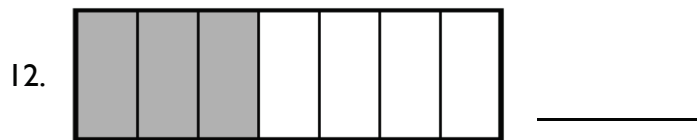
10.  $25 \square 24.9$

a.  $<$ b.  $>$ c.  $=$ 

11.  $45.54 \square 54.45$

a.  $<$ b.  $>$ c.  $=$ 

Write a fraction to represent the shaded part.



Answer each question.

16. Write the numbers in order from greatest to least.

 $27,309,806$        $27,093,860$        $27,903,869$ 17. In the morning, the temperature was  $38.5$  degrees Fahrenheit. In the afternoon the temperature was  $43.2$  degrees Fahrenheit. What was the difference between the morning and afternoon temperatures? Show how you know.



Name: \_\_\_\_\_ Date: \_\_\_\_\_

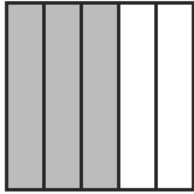
# Fraction and Decimal Equivalents

Practice to review... I can write fractions and decimals that name the same amount!

I know different ways to show equivalent amounts.

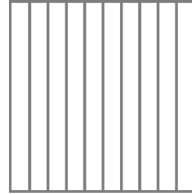
tenths

hundredths



$$\frac{3}{5}$$

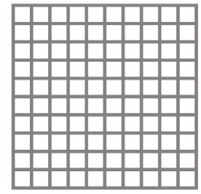
=



$$\frac{\square}{10}$$

$$0.\underline{\quad}$$

=

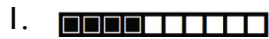


$$\frac{\square}{100}$$

$$0.\underline{\quad}$$

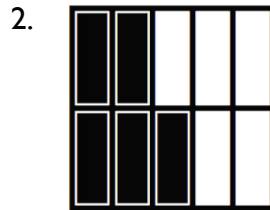
## Practice to remember...

Write a fraction to describe the shaded part of each model.  
Then write a decimal equivalent.



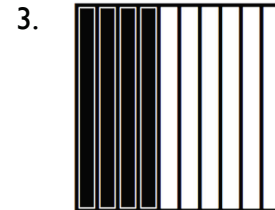
$$\frac{\square}{\square}$$

\_\_\_\_\_



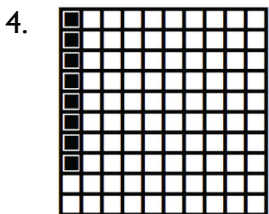
$$\frac{\square}{\square}$$

\_\_\_\_\_



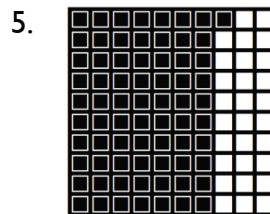
$$\frac{\square}{\square}$$

\_\_\_\_\_



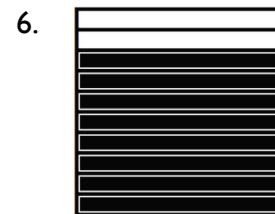
$$\frac{\square}{\square}$$

\_\_\_\_\_



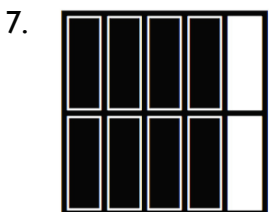
$$\frac{\square}{\square}$$

\_\_\_\_\_



$$\frac{\square}{\square}$$

\_\_\_\_\_



$$\frac{\square}{\square}$$

\_\_\_\_\_



$$\frac{\square}{\square}$$

\_\_\_\_\_



$$\frac{\square}{\square}$$

\_\_\_\_\_

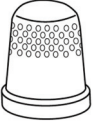
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RE 4

# Remembering

## Practice for fluency...

Choose the better estimate of capacity of each.

10.  a. 2 mL  
b. 2 L

11.  a. 1,000 mL  
b. 100 L

Find each sum or difference.

12.  $2.3 + 3.7 =$  \_\_\_\_\_

13.  $7.9 - 3.4 =$  \_\_\_\_\_

14.  $5.2 - 3.8 =$  \_\_\_\_\_

15.  $15.21 - 8.54 =$  \_\_\_\_\_

Answer each question.

16. The fourth grade is going on a trip to the art museum. Two chaperones are needed for every 10 students. How many chaperones are needed for 110 students? Show how you know.
17. Mary Jane drew a model with 100 squares and 56 of the squares shaded. What fraction and decimal does the model represent? Show how you know.