

- 1** Which number is one-hundredth less than 2.10?

Ⓐ 2.0 Ⓑ 2.09 Ⓒ 2.9 Ⓓ 2.11

- 2** Marcus is thinking of a number that is one-tenth more than 3.41. Lisa is thinking of a number that is one-hundredth more than Marcus' number. What is Lisa's number?

Circle the numbers to correctly complete the sentence.

Marcus' number is

3.42

3.51

4.41

, so Lisa's number is

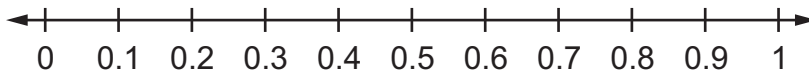
3.43

3.52

4.51

- 3** What number is one-tenth less than 0.7?

Draw the point on the number line.



- 4** What number is one-hundredth more than 12.72?

- 5** Nico rides his bike 0.5 mile. Then, he rides another one-tenth mile. How much of a mile does Nico ride in all?

Shade the model to show how far Nico rides his bike.



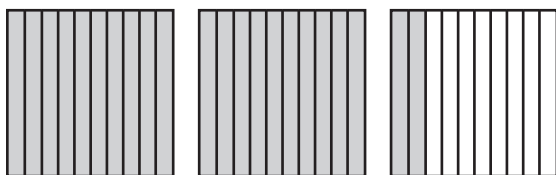
- 6** Maria has 1.78 meters of fabric for a project. The fabric is one-hundredth meter too long. How much fabric does Maria need for the project?

_____ meters

- 7** Place an X in the table to show whether each statement is true or false.

	True	False
One-tenth more than 1.2 is 1.1.		
One-tenth less than 5.64 is 5.54.		
One-hundredth more than 4.65 is 4.66.		
One-hundredth less than 9.99 is 9.89.		

- 8** What decimal is one-tenth more than the number shown by the model?



- Ⓐ 2.0
Ⓑ 2.1
Ⓒ 2.3
Ⓓ 3.2

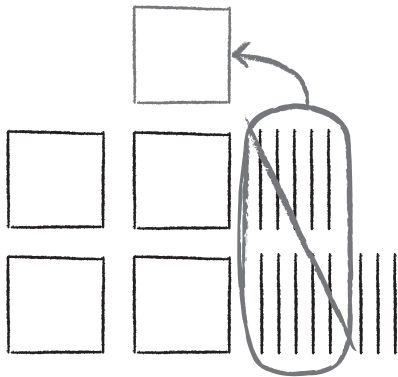
- 9** Darrius has 1.5 liters of lemonade in a pitcher. He pours one-tenth liter into a glass. How much lemonade does Darrius have left in the pitcher?

_____ liters

- 10** Talia says 132.1 is one-hundredth more than 132.09. Which sentence is true?

- Ⓐ Talia is correct because she regrouped 10 hundredths as 1 tenth.
Ⓑ Talia is correct because she regrouped 10 tenths as 1 hundredth.
Ⓒ Talia is incorrect because there is no digit in the hundredths place.
Ⓓ Talia is incorrect because she found one-tenth more than the number.

- 1** Which equation is shown by the model?

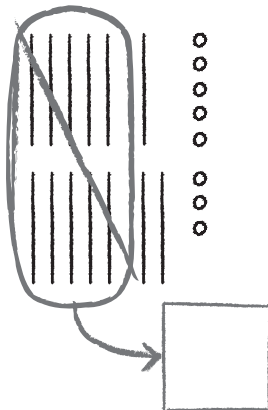


- Ⓐ $2.5 + 2.8 = 5.3$
 Ⓑ $2.8 - 2.5 = 0.3$
 Ⓒ $2.5 + 2.8 = 4.3$
 Ⓓ $2.8 - 2.5 = 1.3$

- 2** Jared played games with his friend for 3.5 hours on Saturday and 2.25 hours on Sunday. How much longer did Jared play games with his friend on Saturday than on Sunday?

_____ hours

- 3** Alissa drew the following model to show $0.65 + 0.73$.



Circle the answers to correctly complete the sentences.

The model Alissa drew is

correct
not correct

because she regrouped

10 hundredths as 1 whole

10 tenths as 1 hundred

10 tenths as 1 whole

The total number Alissa drew is

138

13.8

1.38

- 4** Diego entered a long jump contest at his school. On his first attempt, he jumped 75.22 centimeters. On his second attempt, he jumped 76.71 centimeters. How much further did he jump on his second attempt than on his first attempt?

Ⓐ 0.49 centimeter
Ⓑ 0.93 centimeter
Ⓒ 1.49 centimeters
Ⓓ 1.93 centimeters

- 5** A baker has 15.23 pounds of flour, 4.77 pounds of sugar, 6.89 pounds of butter, and 10.28 pounds of vegetable oil. Which two ingredients have a combined weigh of 15.05 pounds?

Ⓐ flour and sugar
Ⓑ flour and butter
Ⓒ vegetable oil and sugar
Ⓓ butter and vegetable oil

- 6** Stella, Kathleen, and Maeve each rode their bike from their house to the park. Stella rode 2.23 miles, Kathleen rode 1.75 miles, and Maeve rode 3.1 miles. How many miles did Stella, Kathleen, and Maeve ride?
_____ miles

- 7** Luca and Mario measured beakers of liquid during science class. Luca measured 6.27 milliliters of liquid in his beaker. Mario measured 7.95 milliliters.

Part A

How much more liquid does Mario have than Luca?

_____ milliliters

Part B

How much liquid do Luca and Mario have in all?

_____ milliliters

- 8** Santino went to a baseball game with \$15. He spent \$3.50 on a hot dog, \$2.25 on popcorn, and \$1.75 on a drink. How much money does Santino have now?

Circle the amounts to correctly complete the sentence.

	\$6.50		\$8.50	
Santino spent	\$7.00	at the game, so he has	\$8.00	left.
	\$7.50		\$7.50	

- 1** Mateo walks $\frac{4}{10}$ of a mile to Zack's house. What is the distance to Zack's house as a fraction in hundredths?

(A) $\frac{1}{40}$ (C) $\frac{40}{100}$
(B) $\frac{4}{100}$ (D) $\frac{100}{4}$

- 2** Jessie added $\frac{5}{10} + \frac{25}{100}$. What sum did she get?

- 3** Carlos completed the following number sentence.

$$\frac{6}{10} + \underline{\hspace{2cm}} = \frac{80}{100}$$

Which fraction did he write for the unknown addend?

(A) $\frac{20}{10}$ (C) $\frac{2}{100}$
(B) $\frac{74}{100}$ (D) $\frac{20}{100}$

- 4** Julian is building a birdhouse. The house is $\frac{25}{100}$ meter high without the roof. The roof is $\frac{2}{10}$ meter high. What is the height of the birdhouse with the roof?

Fill in the blanks with the correct answers from the list.

$$\underline{\hspace{2cm}} + \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

$\frac{2}{100}$	$\frac{20}{100}$	$\frac{25}{100}$	$\frac{27}{100}$	$\frac{45}{100}$	$\frac{100}{20}$
-----------------	------------------	------------------	------------------	------------------	------------------

- 5** Complete this equation.

$$\frac{6}{10} + \frac{x}{100} = \frac{87}{100}$$

(A) $x = 17$ (C) $x = 51$
(B) $x = 27$ (D) $x = 81$

6 Which fraction is equivalent to $\frac{90}{100}$?

(A) $\frac{9}{100}$

(C) $\frac{90}{10}$

(B) $\frac{9}{10}$

(D) $\frac{900}{100}$

7 Emily checked to see if the fractions were equivalent.

Place an X in the table to show if they are equivalent or not.

	Equivalent	Not Equivalent
$\frac{3}{10} = \frac{3}{1}$		
$\frac{5}{10} = \frac{50}{100}$		
$\frac{7}{10} = \frac{1}{7}$		
$\frac{1}{10} = \frac{10}{100}$		

8 Roberto walked $\frac{6}{10}$ mile to his friend's house. Together, they walked $\frac{25}{100}$ mile to school. How far did Roberto walk?

(A) $\frac{31}{100}$ mile

(C) $\frac{85}{100}$ mile

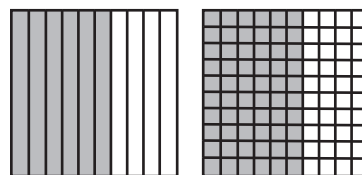
(B) $\frac{35}{100}$ mile

(D) $\frac{95}{100}$ mile

9 What fraction with a denominator of 100 is equivalent to $\frac{78}{10}$?

100

10 Maria drew this model to show equivalent fractions.



What equation shows how the fractions are related?

$$\frac{6}{10} = \frac{6 \times \boxed{}}{10 \times \boxed{}} = \frac{\boxed{}}{\boxed{}}$$

1 What is $\frac{67}{100}$ in decimal form?

- Ⓐ 0.67
- Ⓑ 6.7
- Ⓒ 67
- Ⓓ 670

2 What is $2\frac{77}{100}$ written as a decimal?

3 What is a fraction that is equivalent to 0.2?
Select the **two** correct answers.

- Ⓐ $\frac{2}{10}$
- Ⓑ $\frac{20}{10}$
- Ⓒ $\frac{10}{2}$
- Ⓓ $\frac{2}{100}$
- Ⓔ $\frac{20}{100}$

4 Which of these equations is correct?

- Ⓐ $\frac{27}{100} = 2.7$
- Ⓑ $4.81 = 4\frac{81}{10}$
- Ⓒ $\frac{63}{10} = 6.3$
- Ⓓ $0.59 = \frac{59}{10}$

5 What is $3\frac{54}{100}$ written in decimal form?

- Ⓐ 0.354
- Ⓑ 3.54
- Ⓒ 35.4
- Ⓓ 354

6 How can the number $12\frac{20}{100}$ be written in decimal form?

Select the **two** correct answers.

- Ⓐ 0.122
- Ⓑ 1.22
- Ⓒ 12.2
- Ⓓ 12.02
- Ⓔ 12.20

7 How can each of the fractions be written in decimal form?

Fill in the blanks with the correct answer.

$$\frac{85}{100} = \underline{\hspace{2cm}}$$

$$\frac{47}{10} = \underline{\hspace{2cm}}$$

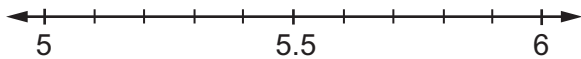
$$5\frac{2}{10} = \underline{\hspace{2cm}}$$

- 8 What is the unknown number in the equation?

$$\frac{\square}{100} = 0.47$$

- (A) 0.47
(B) 4.7
(C) 47
(D) 470

- 9 Plot and label each fraction from the list at the correct location on the number line.



$\frac{55}{10}$	$\frac{570}{100}$	$\frac{52}{10}$
-----------------	-------------------	-----------------

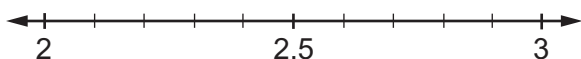
- 10 Which of these equations are correct?

Select **all** the correct equations.

- (A) $\frac{42}{10} = 4.2$
(B) $\frac{51}{100} = 5.1$
(C) $0.75 = \frac{75}{10}$
(D) $2.32 = 2\frac{32}{100}$
(E) $6.78 = 6\frac{78}{10}$

- 11 Where are the numbers $2\frac{4}{10}$ and $2\frac{70}{100}$ located on a number line?

Plot and label the points on the number line to show where the numbers are located.



- 1** The top four results for a long jump competition at a track and field meet are shown.

Long Jump Results

Athlete	Distance
Ashton	4.56 m
Josey	4.29 m
Myrna	4.70 m
Sheniya	4.58 m

Who won the competition with the longest jump?

- Ⓐ Ashton
Ⓑ Josey
Ⓒ Myrna
Ⓓ Sheniya

- 2** Place an X in the table to show whether each comparison is true or false.

	True	False
$0.2 > 0.25$		
$4.8 > 4.08$		
$0.13 = 0.31$		
$3.4 < 3.40$		

- 3** Arianna writes a decimal that is greater than 2.6 and less than 2.85. Which of these could be the decimal that Arianna writes?

Select **all** the correct answers.

- Ⓐ 2.89
Ⓑ 2.8
Ⓒ 2.73
Ⓓ 2.60
Ⓔ 2.57

- 4** Which symbol correctly compares these numbers?

Fill in the blanks with the correct symbols from the list.

3.6 _____ 3.60

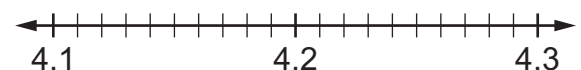
2.17 _____ 2.71

5.46 _____ 5.39

<	>	=
---	---	---

- 5** Draw a line from each decimal to the correct place on the number line to order the decimals from LEAST to GREATEST.

4.11	4.28	4.16	4.21
------	------	------	------



- 6** Matthew's fitness tracker says he ran 1.34 miles. Jack's fitness tracker says he ran 1.27 miles. Who ran the greater distance?

Ⓐ Jack, because $7 > 3$
Ⓑ Jack, because $7 > 4$
Ⓒ Matthew, because $3 > 2$
Ⓓ Matthew, because $4 > 2$

- 7** Which comparisons are true?
Select **all** the correct answers.

Ⓐ $0.21 < 0.27$
Ⓑ $0.4 > 0.45$
Ⓒ $0.21 > 3.20$
Ⓓ $1.9 < 1.90$
Ⓔ $6.2 > 6.02$

- 8** Dylan's friends measured their heights in meters and recorded the results.

Heights

Abby	1.34 m
Bailey	1.26 m
Calvin	1.43 m
Dylan	1.47 m

How do their heights compare?

Write the names in the boxes in order from **TALLEST** on the top to **SHORTEST** on the bottom.

Abby	
Bailey	
Calvin	
Dylan	

- 9** Gene lives 0.6 mile from school. Kate lives 0.51 mile from school. Which statement correctly explains who lives closer to school?

Ⓐ Kate is closer because 5 tenths is less than 6 tenths.
Ⓑ Gene is closer because 6 tenths is greater than 5 tenths.
Ⓒ Kate is closer because 1 hundredth is less than 6 hundredths.
Ⓓ Gene is closer because 0 hundredths is less than 1 hundredth.