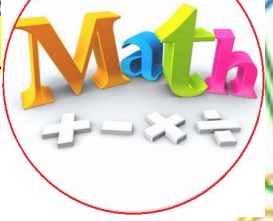


Name: \_\_\_\_\_

Section: \_\_\_\_\_

**WRITE YOUR NAME  
OR NO GRADE!!!**

### Homework

**Homework is due on MONDAY MARCH 18****TEST ON WEDNESDAY MARCH 13**

### Reminders

Please remember that homework is just a reinforcement of what we do in class. When a scholar completes homework, they are retaining the information. A scholar who does not complete the homework is more likely to forget what was learned in class.

### Notes

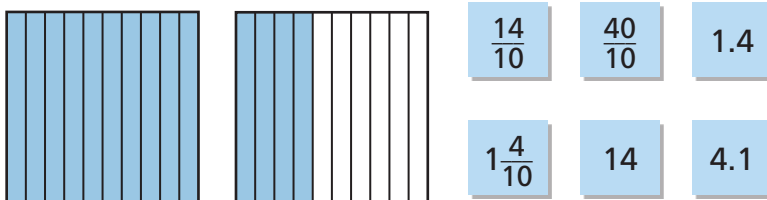
- Homework is graded for completion. **However, students must show their work.** Students will lose 50% of the points if they turn in homework showing no work, even if the answers are present.
- **I will not accept homework more than four days late.** If the homework is **due on Monday**, the last day to turn it in will be **Friday**. Late homework will have points deducted. Homework will be graded as follows:
  - o On time and complete/work shown: 100%
  - o One day late: deduct 11 %
  - o Two days late: deduct 21 %
  - o Three days late: deduct 31%
  - o Four days late: deduct 41%
  - o Five days or more late: Z

Please feel free to contact me with any questions or concerns at [natalie.roman@archimedean.org](mailto:natalie.roman@archimedean.org).

<input type="checkbox"/>	<u>Monday</u>	March 11	Review (same thing we did in class)
<input type="checkbox"/>	<u>Tuesday</u>	March 12	Review - Add and Subtract Decimals
<input type="checkbox"/>	<u>Wednesday</u>	March 13	TEST- No homework
<input type="checkbox"/>	<u>Thursday</u>	March 14	None
<input type="checkbox"/>	<u>Friday</u>	March 15	NONE

# Chapter Review

1. Circle all the numbers shown by the model.



2. Jung has one dollar and twenty-seven cents to buy a notebook. Which names this money amount as a number of dollars? Mark all that apply.

- (A) 12.7                      (D) 1.27  
 (B) 1.027                    (E)  $1\frac{27}{100}$   
 (C) \$1.27                    (F)  $\frac{127}{10}$

3. For Problems 3a–3e, choose True or False for each statement.

- 3a. 0.9 is equivalent to 0.90.                      ☐ True                      ☐ False  
 3b. 0.20 is equivalent to  $\frac{2}{100}$ .                      ☐ True                      ☐ False  
 3c.  $\frac{80}{100}$  is equivalent to  $\frac{8}{10}$ .                      ☐ True                      ☐ False  
 3d.  $\frac{6}{10}$  is equivalent to 0.60.                      ☐ True                      ☐ False  
 3e. 0.3 is equivalent to  $\frac{3}{100}$ .                      ☐ True                      ☐ False

4. Which shows 0.46, 4.6, 0.64, 0.06 in order from least to greatest?

- (A) 4.6, 0.64, 0.46, 0.06  
 (B) 0.06, 0.46, 4.6, 0.64  
 (C) 0.06, 0.46, 0.64, 4.6  
 (D) 0.64, 0.46, 0.06, 4.6

5. Max bought 2 used books and a guitar pick at a garage sale. The books cost \$1.10 each, and the guitar pick cost \$0.08.

### Part A

Max said he spent \$3.00 at the garage sale. Do you agree with Max? Explain.

### Part B

Max wants to buy 2 more guitar picks that cost \$0.15 each. He has two dimes, 1 nickel, and 5 pennies. Does he have enough money for the guitar picks? Explain.

6. Harrison rode his bike  $\frac{6}{10}$  of a mile to the park. Shade the model. Then write the decimal to show how far Harrison rode his bike.



Harrison rode his bike \_\_\_\_\_ mile to the park.

7. Amaldo spent  $\frac{88}{100}$  of a dollar on a souvenir pencil from Zion National Park in Utah. What is  $\frac{88}{100}$  written as a decimal in terms of dollars?

8. Tran has \$8.85. He is saving for a video game that costs \$8.95.

Tran needs \_\_\_\_\_ more to have enough money for the game.

Name \_\_\_\_\_

9. Cheyenne lives  $\frac{7}{10}$  mile from school. A fraction in hundredths equal to  $\frac{7}{10}$  is \_\_\_\_\_.
10. Write a decimal in tenths that is *less* than 2.42 but *greater* than 2.0.
- \_\_\_\_\_

11. Kylee and two of her friends are at a museum. They find ten nickels and one dime on the ground.

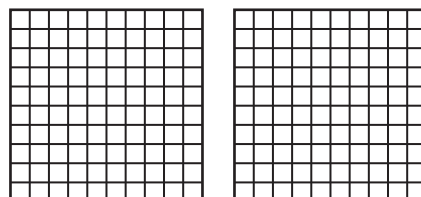
### Part A

If Kylee and her friends share the money equally, how much will each person get? Explain how you found your answer.

### Part B

Kylee says that each person will receive  $\frac{2}{10}$  of the money that was found. Do you agree? Explain.

12. Shade the model to show  $1\frac{52}{100}$ . Then write the mixed number in decimal form.



13. Henry is making a recipe for biscuits. A recipe calls for  $\frac{5}{10}$  kilogram flour and  $\frac{9}{100}$  kilogram sugar.

Part A

If Henry measures correctly and combines the two amounts, how much flour and sugar will he have? Show your work.

Part B

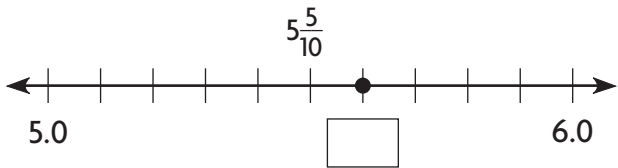
How can you write your answer as a decimal?

14. An orchestra has 100 musicians.  $\frac{40}{100}$  of them play string instruments—violin, viola, cello, double bass, guitar, lute, and harp. What decimal is equivalent to  $\frac{40}{100}$ ?

15. Complete the table.

\$ bills and coins	Money amount	Fraction or mixed number	Decimal
8 pennies		$\frac{8}{100}$	0.08
	\$0.50		0.50
		$\frac{90}{100}$ or $\frac{9}{10}$	0.90
4 \$1 bills 5 pennies			4.05

16. The point on the number line shows the number of seconds it took an athlete to run the forty-yard dash. Write the decimal that correctly names the point.

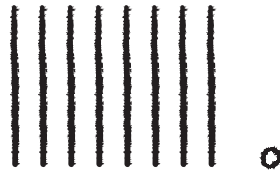


Name \_\_\_\_\_

17. Hoshi is making a toy car. The body of the car is  $\frac{5}{10}$  meter high. The wheels add another  $\frac{18}{100}$  meter to the height. What is the height of the toy car after the wheels are added? Choose a number from each column to complete an equation to solve.

$$\frac{5}{10} + \frac{18}{100} = \begin{array}{|c|} \hline \frac{5}{100} \\ \hline \frac{15}{100} \\ \hline \frac{50}{100} \\ \hline \end{array} + \begin{array}{|c|} \hline \frac{18}{100} \\ \hline \frac{81}{100} \\ \hline \frac{18}{10} \\ \hline \end{array} = \begin{array}{|c|} \hline \frac{68}{10} \\ \hline \frac{23}{100} \\ \hline \frac{68}{100} \\ \hline \end{array} \text{ meter high}$$

18. Callie drew a quick picture to represent the questions she answered correctly on a test. What decimal does the model show?



represents

19. For Problems 19a–19f, choose True or False for the inequality.

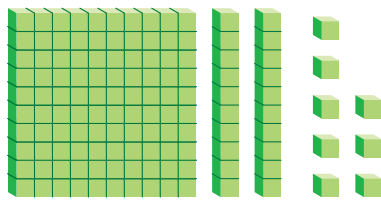
- |                       |                            |                             |
|-----------------------|----------------------------|-----------------------------|
| 19a. $0.21 < 0.27$    | <input type="radio"/> True | <input type="radio"/> False |
| 19b. $0.4 > 0.45$     | <input type="radio"/> True | <input type="radio"/> False |
| 19c. $\$3.21 > \$0.2$ | <input type="radio"/> True | <input type="radio"/> False |
| 19d. $1.9 < 1.90$     | <input type="radio"/> True | <input type="radio"/> False |
| 19e. $0.41 = 0.14$    | <input type="radio"/> True | <input type="radio"/> False |
| 19f. $6.2 > 6.02$     | <input type="radio"/> True | <input type="radio"/> False |

20. For Problems 20a and 20b, fill in the number.

20a.  $\frac{1}{10}$  more than 3.24 \_\_\_\_\_

20b.  $\frac{1}{100}$  less than 3.24 \_\_\_\_\_

21. Amir used the model to show the growth of a tree in meters. The flat represents 1 unit. Which fraction, mixed number, or decimal does the model show? Mark all that apply.



- (A) 1.28                      (D)  $2\frac{8}{100}$   
(B) 12.8                      (E)  $1\frac{28}{100}$   
(C) 0.28                      (F)  $1\frac{28}{10}$
22. Luke lives 0.4 kilometer from a skating rink. Mia lives 0.25 kilometer from the skating rink.

### Part A

Who lives closer to the skating rink? Explain.

### Part B

How can you write each distance as a fraction? Explain.

### Part C

Luke is walking to the skating rink to pick up a practice schedule. Then he is walking to Mia's house. Will he walk more than a kilometer or less than a kilometer? Explain.

Name \_\_\_\_\_

LESSON 13.3

Practice and Homework

# Add Decimals

Go Online

Interactive Examples

1.

$$\begin{array}{r} 3.4 \\ + 2.7 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 5.26 \\ + 9.75 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 3.09 \\ + 8.89 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 7.30 \\ + 1.84 \\ \hline \end{array}$$

5.

$$5.29 + 6.78 = \underline{\hspace{2cm}}$$

6.

$$6.2 + 2.36 = \underline{\hspace{2cm}}$$

7.

$$9.2 + 3.04 = \underline{\hspace{2cm}}$$

8.

$$7.08 + 2.9 = \underline{\hspace{2cm}}$$

9.

$$7.86 + 2.9 = \underline{\hspace{2cm}}$$

10.

$$4.3 + 2.49 = \underline{\hspace{2cm}}$$

11. Find one-tenth more than the number.

a. 5.74?  $\underline{\hspace{2cm}}$       b. 8.9?  $\underline{\hspace{2cm}}$

12. Find one-hundredth more than the number.

a. 4.28?  $\underline{\hspace{2cm}}$       b. 3.6?  $\underline{\hspace{2cm}}$



Name \_\_\_\_\_

LESSON 13.4

Practice and Homework

# Subtract Decimals

Go Online

Interactive Examples

1.

$$\begin{array}{r} 4.08 \\ - 1.74 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 13.54 \\ - 6.7 \\ \hline \end{array}$$

Find the difference. Check your answer.

3. 16.05

$$\begin{array}{r} - 1.5 \\ \hline \end{array}$$

4. 21.4

$$\begin{array}{r} - 16.97 \\ \hline \end{array}$$

Find the unknown number for  $n$ .

5.  $7.3 - n = 1.9$

$n =$  \_\_\_\_\_

6.  $n - 8.12 = 11.52$

$n =$  \_\_\_\_\_

Find the difference.

7.  $14.36 - 12.65$

8.  $69.32 - 32.46$

9. Find one-tenth less than the number.

a.  $6.83?$  \_\_\_\_\_

b.  $7?$  \_\_\_\_\_

10. Find one-hundredth less than the number.

a.  $5.57?$  \_\_\_\_\_

b.  $8.9?$  \_\_\_\_\_