

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.

<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

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.

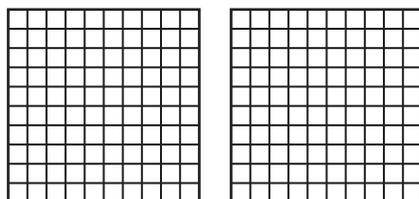
Part A

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

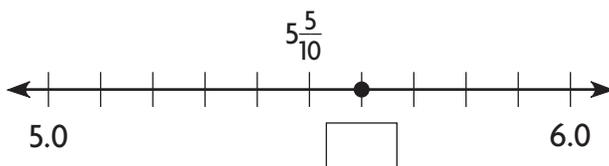
How can you write your answer as a decimal?

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. $0.21 < 0.27$ True False
19b. $0.4 > 0.45$ True False
19c. $\$3.21 > \0.2 True False
19d. $1.9 < 1.90$ True False
19e. $0.41 = 0.14$ True False
19f. $6.2 > 6.02$ True 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 _____

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? $\underline{\hspace{2cm}}$

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.
$$\begin{array}{r} 16.05 \\ - 1.5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 21.4 \\ - 16.97 \\ \hline \end{array}$$

Find the unknown number for n .

5. $7.3 - n = 1.9$

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

6. $n - 8.12 = 11.52$

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

Find the difference.

7. $14.36 - 12.65$

8. $69.32 - 32.46$

9. Find one-tenth less than the number.

a. $6.83? \underline{\hspace{1cm}}$ b. $7? \underline{\hspace{1cm}}$

10. Find one-hundredth less than the number.

a. $5.57? \underline{\hspace{1cm}}$ b. $8.9? \underline{\hspace{1cm}}$