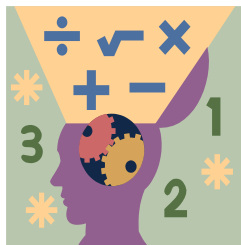


Name: _____ Section: _____



Homework

Greetings Scholars and Parents. This week we'll be working on various reviews as prepare for our PM2 FAST for Mathematics. There is no additional homework for Wednesday. **Please note: we will be working on these reviews in class!** Although the page number may seem overwhelming, the **number of questions is lower than you may initially notice**, especially considering class time. We will get through this together!

Extra Practice – OPTIONAL THIS WEEK

Additional practice for the daily lessons is available on IXL. To access extra practice, please have your child login into IXL. Under the **“FROM YOUR TEACHER”** section, scholars will find Teacher Assigned Lessons. From there, you will see a list of lessons reinforcing the daily skills.

- [Compose and decompose decimals in multiple ways](#)
- [Compare, order, and round decimals: word problems](#)
- [Add and subtract decimal numbers: word problems](#)
- [Multiply two decimals: products up to thousandths](#)
- [Divide decimals by whole numbers: word problems](#)
- [Divide by decimals](#)

Notes

Completed homework packets should be uploaded or turned in on Sunday, December 7th. Students must prove and show all their work in the provide space. Scholars should use a separate sheet of paper if they need additional space. Failure to show work or packets submitted after the due date will result in a lower grade. If a scholar struggles with a lesson, they can review the daily lesson on HMH. Please feel free to contact me with any questions or concerns at peter.vanegas@archimedean.org.

Monday December 1st – Chapter 3 Review

Tuesday December 2nd – Chapter 4 Review

Wednesday December 3rd **FAST PM2 READING – NO EXTRA.**

Thursday December 4th Chapter 6 Review

Friday December 5th Chapter 7 Review

Name _____

Chapter Review

1. Chaz kept a record of how many gallons of gas he purchased each day last week.

Day	Gas (in gallons)
Monday	4.5
Tuesday	3.9
Wednesday	4.258
Thursday	3.75
Friday	4.256

Order the days from least amount of gas Chaz purchased to greatest amount of gas Chaz purchased.

Least

Greatest

2. For 2a–2c, select True or False for each statement.

2a. 16.437 rounded to the nearest whole number is 16. True False

2b. 16.437 rounded to the nearest tenth is 16.4. True False

2c. 16.437 rounded to the nearest hundredth is 16.43. True False

3. Decompose the decimal 2 different ways.

1. $5.682 = \underline{\quad}$ ones + $\underline{\quad}$ tenths + $\underline{\quad}$ hundredths
+ $\underline{\quad}$ thousandths

$5.682 = \underline{\quad}$ ones + $\underline{\quad}$ tenths + $\underline{\quad}$ hundredths
+ $\underline{\quad}$ thousandths

4. What is the value of the underlined digit? Mark all that apply.

0.679

0.6 six hundredths

0.06 $6 \times \frac{1}{10}$

six tenths

5. Eduar jogged 3.26 kilometers when rounded to the nearest hundredth. Which could be how far he jogged? Mark all that apply.

3.257 km

3.254 km

3.272 km

3.261 km

Name _____

8. Round 25.999 to the nearest hundredth.

9. What number is composed of 7 ones, 11 tenths, 12 hundredths and 41 thousandths?

10. Write the number 0.783 in two other forms.

word form: _____

expanded form: _____

11. The price of hand soap at the grocery store is \$0.649. For 11a-11c, select True or False for each statement.

11a. Rounded to the nearest whole number, the price is \$1 per ounce. True False

11b. Rounded to the nearest tenth, the price is \$0.7 per ounce. True False

12. Complete the table.

Decimal	IS	10 times as much as	$\frac{1}{10}$ of
0.08			
0.2			
0.6			
0.05			

13. Rafael bought 2.15 pounds of potato salad and 4.2 pounds of macaroni salad to bring to a picnic. For 13a–13c, select Yes or No to indicate whether each statement is true.

13a. Rounded to the nearest whole number, Rafael bought 2 pounds of potato salad. Yes No

13c. Rounded to the nearest tenth, Rafael bought 2.1 pounds of potato salad. Yes No

14. The four highest scores on the floor exercise at a gymnastics meet were 9.675, 9.25, 9.325, and 9.5 points. Choose the numbers that make the statement true.

The lowest of these four scores was

9.675
9.25
9.325
9.5

points. The highest

of these four scores was

9.675
9.25
9.325
9.5

points.

Name _____

15. Michelle records the value of 1 euro in U.S. dollars each day for her social studies project. The table shows the data she has recorded so far.

Day	Value of 1 Euro (in U.S. dollars)
Monday	1.448
Tuesday	1.443
Wednesday	1.452
Thursday	1.458

On which two days was the value of 1 euro the same when rounded to the nearest hundredth of a dollar?

16. Estee, Sarai, and Kurry each chose a number. Estee's number is $\frac{1}{10}$ of Sarai's. Kurry's number is 10 times as much as Sarai's. Sarai's number is 0.09. What number did each person choose?

17. Karis has plants that are 16.407 centimeters, 16.427 centimeters tall, and 16.413 centimeters tall.

Part B

Order the heights of the plants from tallest to shortest.

18. 0.4 is _____ times as much as _____.

So, 4 tenths = _____ thousandths.

19. Choose the value that makes the statement true.

In the number 1.025, the value of the digit 2 is 2 _____, and the

value of the digit 5 is 5 _____.

- ones
- tenths
- hundredths
- thousandths

- ones
- tenths
- hundredths
- thousandths

21. 0.84 is 10 times as much as _____

and $\frac{1}{10}$ of _____.

- 0.084
- 0.84
- 8.4
- 84

- 0.084
- 0.84
- 8.4
- 84

Name _____

Chapter Review

1. Chaz kept a record of how many gallons of gas he purchased each day last week.

Day	Gas (in gallons)
Monday	4.5
Tuesday	3.9
Wednesday	4.258
Thursday	3.75
Friday	4.256

How many gallons of gas did he purchase from Tuesday to Thursday last week?

2. For problems 2a–2c, select True or False for each statement.

2a. $1.734 - 0.268 = 1.466$ True False

2b. $4.57 + 7.945 = 12.515$ True False

2c. $14 - 0.821 = 13.821$ True False

3. Students are selling muffins at a school bake sale. One muffin costs \$0.25, 2 muffins cost \$0.37, 3 muffins cost \$0.49, and 4 muffins cost \$0.61. If this pattern continues, how much will 7 muffins cost?

5. Rowanda jogged 2.14 kilometers farther than Terrance. Select the values that could represent how far each student jogged. Mark all that apply.

- Rowanda: 6.5 km, Terrance: 4.36 km
- Rowanda: 4.8 km, Terrance: 2.76 km
- Rowanda: 3.51 km, Terrance: 5.65 km
- Rowanda: 7.24 km, Terrance: 5.1 km

6. Subtract.

$$\begin{array}{r} 5 \\ - 4.368 \\ \hline \end{array}$$

Name _____

8. The school is 3.65 miles from Tonya's house and 1.28 miles from Jamal's house. How much farther from school is Tonya's house than Jamal's house?

9. A vet measured the mass of two birds. The mass of the robin was 76.64 grams. The mass of the blue jay was 81.54 grams. What is the difference in the masses of the birds?
- _____ grams

10. Rick bought 5 yogurt bars at a snack shop. Each yogurt bar cost \$1.75. Complete the table to show the price of 2, 3, 4, and 5 yogurt bars.

Number of Yogurt Bars	Price
1	\$1.75
2	
3	
4	
5	

12. Bob and Ling are playing a number pattern game. Bob wrote the following sequence.

28.9, 26.8, 24.7, _____, 20.5

What is the unknown term in the sequence?

14. 0.8, 2.1, 3.4, 4.7,... Choose the answers that make the statement true.

The next number in the sequence is

5.2

6.0

5.3

6.1

because the

rule for the sequence is

add 1.3

add 0.3

subtract 1.5

subtract 0.8

Name _____

15. Alejandra starts with \$139.55 in her savings account. She adds \$18.25 to the account every week.

15a. How much will she have in her account after 3 weeks?

15b. In week 4, Alejandra only deposits \$15.65 instead of the usual amount. How much money will be in her savings account after 4 weeks?

16. Miguel has \$20. He spends \$7.25 on a movie ticket, \$3.95 for snacks, and \$1.75 for bus fare each way. How much money does Miguel have left?

\$ _____

17. Yolanda's sunflower plant was 64.34 centimeters tall in July. During August, the plant grew 18.2 centimeters.

Part A

What will the plant's height be at the end of August? Explain.

Part B

How much will the plant have to grow to reach 100 cm by the end of September?

Name _____

Chapter Review

1. Patricio is making a scale model of his school. His school is 11.4 meters tall. If the model is 0.07 of the actual size of the school, how tall is the model?

_____ meters

2. For 2a–2d, choose Yes or No to indicate whether the product is correct.

2a. $0.3 \times 0.4 = 1.2$ Yes No

2b. $0.02 \times 0.4 = 0.008$ Yes No

2c. $0.05 \times 0.3 = 0.015$ Yes No

2d. $0.06 \times 0.03 = 0.018$ Yes No

3. Leona is working with a piece of string that is 5.5 feet long. She needs the string to be 2.7 times as long. How long will the string be?

6. Which problems will have two decimal places in the product? Mark all that apply.

A 3.4×6.7 B 7.4×10 C 9.85×1

D 8.4×9 E 7×2.96

8. Maria worked 31.75 hours this week.

Part A

Last week, Maria worked 0.8 times as many hours. How many hours did she work last week? Show your work.

_____ hours

Part B

Next week, Maria is scheduled to work 1.2 times as many hours. Assuming she works whatever she is scheduled for, how many hours will she work next week? Show your work.

_____ hours

Name _____

9. Arabella drives 17.8 miles a day. Yaya drives 1.6 times as far each day. How far does Yaya drive in 3 weeks? Show your work.

10. Elianna practices flute for 4.8 hours each week. Avery practices the oboe for 2.7 times as long each week. How many hours does Avery practice each week?

11. Use the numbers in the boxes to complete the number sentences. A number may be used more than once.

1,620

162

16.2

1.62

0.162

$3.6 \times 4.5 = \square$

$3.6 \times 45 = \square$

$3.6 \times 0.45 = \square$

$0.36 \times 0.45 = \square$

12. Beau spends 4 times as much as Jin on gear for the track season. Jin spent \$12.89. How much did Beau spend?

\$ _____

Name _____

16. Genesis reports that $4.5 \times 7.6 = 3.42$. Is she correct? Explain your reasoning.

18. On Saturday, Ahmed walks his dog 0.7 mile. On the same day, Latisha walks her dog 0.4 times as far as Ahmed walks his dog. How far does Latisha walk her dog on Saturday?

_____ mile(s)

19. For 19a–19d select True or False for each statement.

19a. The product of 1.5 and 2.8 is 4.2. True False

19b. The product of 7.3 and 0.6 is 43.8. True False

19c. The product of 0.09 and 0.7 is 6.3. True False

19d. The product of 0.79 and 1.5 is 1.185. True False

21. Joaquin lives 0.3 mile from Keith. Layla lives 0.4 times as far from Keith as Joaquin. How far does Layla live from Keith? Write an equation to solve.

_____ mile

22. Brianna is getting materials for a chemistry experiment. Her teacher gives her a container that has 0.15 liter of a liquid in it. Brianna needs to use 0.4 of this liquid for the experiment. How much liquid will Brianna use?

_____ liter

Name _____

Chapter Review

1. Rita is hiking along a trail that is 13.7 miles long. So far she has hiked along one tenth of the trail. How far has Rita hiked?

_____ miles

2.

$$35.5 \div 1 = \square$$

$$35.5 \div 10 = \square$$

$$35.5 \div 100 = \square$$

3. Tom and his brothers caught 100 fish on a weeklong fishing trip. The total weight of the fish was 235 pounds.

Part A

Write an expression to find the weight of 1 fish. Assume that the weight of each fish is the same.

Part B

What is the weight of 1 fish?

_____ pounds

Part C

Suppose Tom and his brothers caught 10 fish instead of 100 fish, but the total weight of the fish stayed the same. How would the weight of each fish change? Explain.

4. $5.5 \div 5$.

$5.5 \div 5 =$

5. Emma, Brandy, and Damian will cut a rope that is 29.8 feet long into 3 jump ropes. Each of the 3 jump ropes will be the same length. Write a division sentence using compatible numbers to estimate the length of each rope.

6. Karl drove 617.3 miles. For each gallon of gas, the car can travel 41 miles. Select a reasonable estimate of the number of gallons of gas Karl used. Mark all that apply.

- (A) 1.5 gallons
- (B) 1.6 gallons
- (C) 15 gallons
- (D) 16 gallons
- (E) 150 gallons

7. Donald bought a box of golf balls for \$9.54. There were 18 golf balls in the box. About how much did each golf ball cost?

8. Luke cut down a tree that was 28.8 feet tall. Then he cut the tree into 6 equal pieces to take it away. What is the length of each piece?

_____ feet

11. Divide.

$$5 \overline{)6.55}$$

12. Isabella is buying art supplies. The table shows the prices for the different items she buys.

Art Supplies	
Item	Price
Glass beads	\$0.28 per ounce
Paint brush	\$0.95
Poster board	\$0.75
Jar of paint	\$0.99

Part A

Isabella spends \$2.25 on poster boards. How many poster boards does she buy?

_____ poster boards

Part B

Isabella spends \$4.87 on paint brushes and paint. How many of each item does she buy? Explain how you found your answer.

13.

$$1.4 \div 0.7 =$$

Name _____

14. Tabitha bought peppers that cost \$0.79 per pound. She paid \$3.95 for the peppers. How many pounds of peppers did she buy?
15. Hank has a large bag of trail mix that weighs 2.4 pounds. He uses the mix in the large bag to make small bags each containing 0.6 pound of mix. How many small bags containing 0.6 pound can Hank make?
16. Shareen walked a total of 9.52 miles in a walk-a-thon. If her average speed was 4 miles per hour, how long did it take Shareen to complete the walk?
_____ hours
18. Lisandra made 22.8 quarts of split pea soup for her restaurant. She wants to put the same amount of soup into each of 15 containers. How much soup should Lisandra put into each container?
_____ quarts