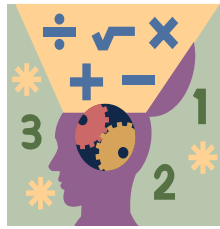


## 5TH GRADE AMERICAN MATH HW

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

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



### Homework

Hello Scholars and Parents,

The homework of this week is about the application of quotient in solving real world problems and find the pattern of decimals. The scholars will study more about divisions and decimals in the classroom and after class. Please do not work ahead on homework. Failure to complete homework or bring packet to class will result in points less.

### Reminders

Please have your scholars use the textbook and journal for the daily lesson, and iPad for the daily homework check. We need more practice to enhance our calculation skill of division in different ways and we will continue the study of decimals. There you will see assignments for each section in the chapter 2 and chapter 4 we are going to finish in week 8.

The instruction of access to textbook and the extra practices are available on archie.

### Notes

**Completed homework packets should be uploaded or turned in on Monday** October 10th. Students must prove and show all their work. 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 Archimedean Cinemath. Please feel free to contact me with any questions or concerns at [mei.zhang@archimedean.org](mailto:mei.zhang@archimedean.org).

Monday

October 3rd

- Lesson 2.6

Tuesday

October 4th

- Lesson 2.6 & homework Page 1

Wednesday

October 5th

- Free

Thursday

October 6th

- Chapter 2 test

Friday

October 7th

- Lesson 4.1 & homework Page 2

Name \_\_\_\_\_

LESSON 2.6

Practice and Homework

## Represent and Solve Multi-Step Problems with Bar Models

Go Online

Interactive Examples

Use equations to solve.

11. Last week, Thi picked 4 baskets of 8 tomatoes from her garden. This week, she picked 3 baskets of 13 tomatoes. How many more tomatoes,  $t$ , does Thi pick this week than last week?
- \_\_\_\_\_
12. A costume designer sews 4 rows of 16 beads on a princess costume, 5 rows of 15 beads on a butterfly costume, and 3 rows of 17 beads on a ballerina costume. How many more beads,  $b$ , are sewn on the costume with the most beads than are sewn on the costume with the least number of beads?
- \_\_\_\_\_
13. Venancio needs to paint 8 game boards for the carnival. Each game board is divided into 12 parts. He paints 5 parts of 8 game boards yellow, 3 parts of 6 game boards red, 2 parts of 7 game boards green, and 15 parts purple. How many more parts,  $p$ , does Venancio have left to paint?
- \_\_\_\_\_
14. Mr. Gates buys frozen yogurt bars for the grade 5 picnic. He buys 3 packages of 12 strawberry yogurt bars and 6 packages of 8 banana yogurt bars. He gives an equal number of frozen yogurt bars to each of 3 classes. How many frozen yogurt bars,  $y$ , does each class get?
- \_\_\_\_\_

### Problem Solving



15. Rusty has a cap collection. He has 2 shelves with 9 football team caps on each shelf. He has 3 shelves with 11 baseball caps on each shelf. He gives his best friend 2 football caps and 3 baseball caps. How many caps,  $c$ , does Rusty have now?
- \_\_\_\_\_
16. Yuki pays \$3 for each of 4 headbands and \$2 for each of 5 barrettes. How much more money,  $m$ , does Yuki pay for all the headbands than for all the barrettes?
- \_\_\_\_\_

Name \_\_\_\_\_

LESSON 4.1  
Practice and Homework

## Patterns with Decimals

Go Online

Interactive Examples

Write a rule for the sequence. Then find the unknown term.

13. 2.6, 3.92, 5.24, 6.56, 7.88

14. 25.7, 24.1, \_\_\_\_\_, 20.9, 19.3

**Think:**  $2.6 + ? = 3.92$ ;  $3.92 + ? = 5.24$

$$2.6 + 1.32 = 3.92$$

$$3.92 + 1.32 = 5.24$$

Rule: \_\_\_\_\_ **add 1.32** \_\_\_\_\_

Rule: \_\_\_\_\_

Write the first four terms of the sequence.

15. **Rule:** start at 17.3, add 0.9

16. **Rule:** start at 28.6, subtract 3.1

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## Problem Solving

17. The Ride-It Store rents bicycles. The cost is \$8.50 for 1 hour, \$13.65 for 2 hours, \$18.80 for 3 hours, and \$23.95 for 4 hours. If the pattern continues, how much will it cost Nate to rent a bike for 6 hours?

\_\_\_\_\_

18. Yoona walks dogs every day to earn money. The fees she charges per month are 1 dog, \$40; 2 dogs, \$37.25 each; 3 dogs, \$34.50 each; 4 dogs, \$31.75 each. A pet store wants her to walk 8 dogs. If the pattern continues, how much will Yoona charge to walk each of the 8 dogs?

\_\_\_\_\_