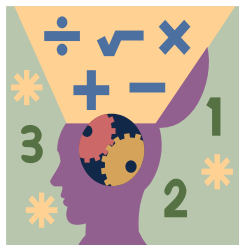## Homework

Greetings Scholar and Parents. Hope you are all comfortably settled into the new year. This week we will be working on **Chapter 4 & 5: Decimal Operations.** Remember to check **CINEMATH** for reviews! Your test is on the 17th this week.

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.

- Use properties to add three decimals
- Add and subtract decimal numbers
- Subtract decimal numbers: up to thousandths
- Add decimal numbers: up to thousandths
- Subtract decimal numbers: up to thousandths
- Multiply a decimal by a one-digit whole number: tenths or hundredths

Notes

Completed homework packets should be uploaded or turned in on **Sunday September 22nd, 2024**. 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	September 16th	– **REVIEW.** No additional homework.
Tuesday	September 17th	– **TEST: CHAPTERS 1 – 3.**
Wednesday	September 18th	– 4.2
Thursday	September 19th	– 4.3
Friday	September 20th	– 5.1

Add and Subtract Decimals
Through Thousandths

Find the sum or difference.

22. 13.87
    + 6.06

23. 26.25
    − 5.73

24. 2.50
    + 0.926

25. 43.66
    − 9.08

26. 6.27
    0.133
    + 4.31

27. 25.75
    − 8.2

Find the sum or difference.

28. 6.389 + 17.39

29. 8.747 − 4.8

30. 2.09 + 12.639

**Find the unknown numbers in the pattern.
Then write a description for the pattern**

31. 1.0, 2.1, 3.2, 4.3. _____ 6.5, 7.6

Description: _____

32. 5.03, 5.00, 4.97, 4.94 _____ 4.88

Description: _____

Problem Solving Real World

33. Qiqi finished a biking race in 21.39 minutes. Juanita took 19.59 minutes to finish. How much longer did Qiqi take to finish the race than Juanita?

_____

34. The sum of two numbers is 5.036. One number has a 4 in the tenths place and a 7 in the thousandths place. The other number has a 1 in the ones place and a 2 in the hundredths place. What are the two numbers?

_____

Lesson Check

Fill in the bubble completely to show your answer.

35. Dara spends $13.02 on sandals, $9.85 on shorts, and $15.20 on a hat. How much change does she receive back from $50?

(A) $10.93

(B) $11.93

(C) $11.34

(D) $12.67

36. Ling's relay team ran the first part of the race in 28.134 seconds, the second part in 17.922 seconds, and the third part in 34.023 seconds. By how many seconds did Ling's team beat the next closest team which, who ran the race in 83.736 seconds?

(A) 3.412 seconds

(B) 3.657 seconds

(C) 3.327 seconds

(D) 4.073 seconds

37. Juan has a batting average of 0.334. Gary has a batting average of 0.284. What is the difference between the batting averages of the two baseball players?

(A) 0.50

(B) 0.05

(C) 0.028

(D) 0.042

38. Giovanni is jogging from the park to the school. He has jogged 0.424 mile so far. He has 0.384 mile left to jog. How far is the park located away from the school?

(A) 0.730 mile

(B) 0.808 mile

(C) 1.032 miles

(D) 0.40 mile

Add and Subtract Money

Use the table to solve Problems 8–9.

8. Dorian and Jack decided to go bowling. Jack is a member.
They need only 1 lane, but each needs to rent shoes.
If Jack pays for both of them with $20, what change should
he receive?

   Calculate the cost: $7.50 + $3.95 + $2.95 = $14.40

   Calculate the change: $20 − $14.40 = $5.60

Bowl-a-Rama		
	Regular Cost	Member's Cost
Lane Rental (up to 4 people)	$9.75	$7.50
Shoe Rental	$3.95	$2.95

9. Kajal and her friends decided to rent 4 lanes at regular
cost for a party. Ten people need to rent shoes, and 4
people are members. What is the total cost for the party?

Use the following information to solve Problems 10–12.

At the concession stand, medium sodas cost $1.25 and
hot dogs cost $2.50.

10. Parvati's group brought in pizzas, but is buying drinks at
the concession stand. How many medium sodas can Parvati's
group buy with $20? Make a table to show your answer.

11. Jack bought 2 medium sodas and 2 hot dogs. He paid
with $20. What was his change?

12. How much would it cost to buy 3 medium sodas and 2 hot dogs?

Lesson Check

14. Prakrit bought a pack of paper for $5.69 and printer toner for $9.76. He paid with a $20 bill. What was his change?

_____

15. Talim paid for her sandwich and drink with a $10 bill and received $0.63 in change. The sandwich was $7.75. Sales tax was $0.47. What was the cost of her drink?

_____

Understand Decimal Multiplication Patterns

Complete the pattern.

1. $2.07 \times 1 =$ **2.07**

$2.07 \times 10 =$ **20.7**

$2.07 \times 100 =$ **207**

$2.07 \times 1,000 =$ **2,070**

2. $1 \times 30 =$ _____

$0.1 \times 30 =$ _____

$0.01 \times 30 =$ _____

3. $1 \times 0.23 =$ _____

$10 \times 0.23 =$ _____

$100 \times 0.23 =$ _____

$1,000 \times 0.23 =$ _____

4. $390 \times 1 =$ _____

$390 \times 0.1 =$ _____

$390 \times 0.01 =$ _____

5. $1 \times 5 =$ _____

$0.1 \times 5 =$ _____

$0.01 \times 5 =$ _____

6. $1 \times 9,670 =$ _____

$0.1 \times 9,670 =$ _____

$0.01 \times 9,670 =$ _____

7. $874 \times 1 =$ _____

$874 \times 10 =$ _____

$874 \times 100 =$ _____

$874 \times 1,000 =$ _____

8. $1 \times 10 =$ _____

$10 \times 10 =$ _____

$100 \times 10 =$ _____

$1,000 \times 10 =$ _____

9. $1 \times 49.32 =$ _____

$10 \times 49.32 =$ _____

$100 \times 49.32 =$ _____

$1,000 \times 49.32 =$ _____

Problem Solving Real World

10. Aylan plants equal-sized squares of sod in a yard. Each square has an area of 6 square feet. Aylan plants a total of 1,000 squares in a yard. What is the total area of the squares of sod?

_____

11. Three friends are selling items at a bake sale. Ms. May makes $23.25 selling bread. Ms. Inez sells gift baskets and makes 100 times as much as Ms. May. Ms. Jo sells pies and makes one tenth of the money Ms. Inez makes. How much money does each friend make?

_____

Lesson Check

13. The length of the British steamship Titanic was 882 feet. Porter's history class is building a model of the Titanic. The model is $\frac{1}{100}$ of the actual length of the ship. How long is the model?

14. Kahil is asked to find 100×18.72. How many places and in which direction should he move the decimal point to get the correct product?