

Name: _____ Section: _____



Hello scholars and parents. We will be studying Chapter 2 this week. Scholars will understand how to Model Multiplication and Division Equations in Lesson 2.5 and how to Represent and Solve Multi-Step Problems with Bar Models in Lesson 2.6

We start to study Chapter 3 Place Value and Decimals with Lesson 3 Understand Thousandths Thursday 21 Chapter 2 Review Friday 22 we will have classwork with Chapter 2 topics. If you have any questions or concerns, please feel free to contact me at vasily.tserekh@archimedeian.org

Notes

Students **MUST** prove and show all their work. If additional space is needed, please feel free to attach lined paper to the homework packet. **Failure to show your work will result in a lower grade.** Please complete the homework to the best of your abilities.

Monday	September 18	-----	(Homework page 1)
Tuesday	September 19	-	(Homework page 2)
Wednesday	September 20	-	(Homework page 3)
Thursday	September 21	-	(No homework)
Friday	September 22	-	(No homework)

Parents please initial below each day acknowledging your child has completed the assigned homework. **Homework will be checked daily in class. Completed homework packets are due on Monday September 25th, 2023 for a grade.**

<u>Monday</u> September 18	<u>Tuesday</u> September 19	<u>Wednesday</u> September 20	<u>Thursday</u> September 21	<u>Friday</u> September 22
Homework Page 1	Homework page 2	Homework page 3	No homework	No homework

Name _____

LESSON 2.5
Practice and Homework

Model Multiplication and Division Equations

Go Online

Interactive Examples

Use a bar model or a related equation to solve.

Check your solution.

16. $c \div 5 = 13$

17. $112 = 7 \times b$

18. $4p = 68$

19. $9 = d \div 21$

20. $105 = 3 \times a$

21. $9g = 99$

22. $m \div 10 = 16$

23. $22 = n \div 7$

24. $92 = f \times 4$

25. $h \div 9 = 14$

26. $13 = j \div 8$

27. $165 = 11r$

Problem Solving

28. Darva arranges fabric squares to sew together to make a blanket for her baby sister. She divides the fabric squares equally among 12 rows. Each row has 8 squares. How many fabric squares does Darva have?

In your equation, let f represent the number of fabric squares Darva has.

29. A school district purchased 90 new computers. The computers were divided equally among 6 classrooms. How many new computers are in each classroom?

In your equation, let c represent the number of computers in each classroom.

30. Write a real-world problem for the equation $4 \times y = 60$. Then solve.

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?
- _____

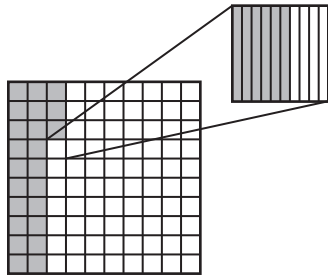
Problem Solving

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?
- _____

Understand Thousandths

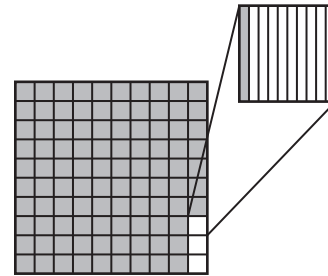
Write the decimal shown by the shaded parts of each model.

22.



0.236

23.



Think: 2 tenths, 3 hundredths,
and 6 thousandths are shaded

Complete the sentence.

24. 0.4 is 10 times as much as _____.

25. 0.003 is $\frac{1}{10}$ of _____.

Use place-value patterns to complete the table.

	Decimal	10 times as much as	$\frac{1}{10}$ of
26.	0.1		
27.	0.09		



	Decimal	10 times as much as	$\frac{1}{10}$ of
28.	0.08		
29.	0.2		

Problem Solving

30. The diameter of a dime is seven hundred five thousandths of an inch. Complete the table by recording the diameter of a dime.

31. What is the value of the 5 in the diameter of a half dollar?

32. Which coins have a diameter with a 5 in the hundredths place?

33.  **WRITE**  *Math* Write four decimals with the digit 4 in a different place in each—ones, tenths, hundredths, and thousandths. Then write a statement that compares the value of the digit 4 in the different decimals.

U.S. Coins	
Coin	Diameter (in inches)
Penny	0.750
Nickel	0.835
Dime	
Quarter	0.955
Half dollar	1.205