

Name: _____ Section: _____



Hello scholars and parents. We start Chapter 12 this week with Lessons 12.1 and 12.2

We finish to upload Stem Project this week

If you have any questions or concerns, please feel free to contact me at vasily.tserekh@archimedean.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 January 15 No classes

Tuesday January 16 Chapter 12 Lesson 1

Wednesday January 17 Chapter 12 Lesson 2

Thursday January 18 Chapter 12 lesson 2

Friday January 19 – No classes

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 Tuesday, January 23 for a grade.**

Monday January 15	Tuesday January 16	Wednesday January 17	Thursday January 18	Friday January 19
No homework	No hw	Homework page 1	Homework Page 2	No Hw

Properties

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Interactive Examples

Use properties to find the sum or product.

1. 6×8.9

$$\begin{aligned} &6 \times (9 - 0.1) \\ &(6 \times 9) - (6 \times 0.1) \\ &54 - 0.6 \end{aligned}$$

53.4

2. $93 + (68 + 7)$

3. $\frac{1}{4} \times \frac{2}{3} \times \frac{4}{3}$

4. 8×51

5. $34 + 0 + 18 + 26$

6. 6×107

Complete the equation, and tell which property you used.


7. $(3 \times 10) \times 8 = \underline{\hspace{2cm}} \times (10 \times 8)$

8. $1.6 + 3.1 = 3.1 + \underline{\hspace{2cm}}$

Problem Solving

9. The Metro Theater has 20 rows of seats with 18 seats in each row. Tickets cost \$5. The theater's income in dollars if all seats are sold is $(20 \times 18) \times 5$. Use properties to find the total income.
- _____

10. The numbers of students in the four sixth-grade classes at Northside School are 26, 19, 34, and 21. Use properties to find the total number of students in the four classes.
- _____

11.  **WRITE** *Math* Explain how you could mentally find 8×45 by using the Distributive Property.
- _____
- _____

Write Numerical Expressions

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Interactive Examples

Write an expression to match the words.

1. Ethan collected 16 seashells. He lost 4 of them while walking home.

2. Yasmine bought 4 bracelets. Each bracelet cost \$3.65.

3. Amani did 100 jumping jacks. She did $\frac{2}{5}$ as many pushups as jumping jacks.

4. Darryl has a board that is 8.4 feet long. He cuts it into pieces that are each 2 feet long.

Write words to match the expression.

5. $3 + (4 \times 2.25)$


6. $36 \div \frac{1}{4}$

7. $24 - (6 + 3)$

Problem Solving

8. Kylie has 14 polished stones. Her friend has $\frac{1}{2}$ as many stones. Write an expression to match the words.

9. Rashad had 25 stamps. He shared them equally among himself and 4 friends. Then Rashad found 2 more stamps in his pocket. Write an expression to match the words.

10.  **WRITE** *Math* Write a numerical expression. Then write words to match the expression.

