

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



Hello scholars and parents. We finish Chapter 12 this week with Lessons 12.3 and 12.4

We have Chapter 12 review and Chapter 12 Quiz

If you have any questions or concerns, please feel free to contact me at [vasily.tserekh@archimedean.org](mailto: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 22 Chapter 12 Lesson 3

Tuesday January 23 Chapter 12 Lesson 4

Wednesday January 24 Chapter 12 Lesson 4

Thursday January 25 Chapter 12 review

Friday January 26 – Chapter 12 Quiz

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 30 for a grade.**

Monday January 22	Tuesday January 23	Wednesday January 24	Thursday January 24	Friday January 26
No homework	No hw	Homework page 1	Homework Page 2	No Hw

# Evaluate Numerical Expressions

**Go Online**

Interactive Examples

**Evaluate the numerical expression.**

1.  $24 \times 5 - 41$   
 $120 - 41$

79

2.  $(32 - 20) \div 4$

3.  $16 \div (2 + 6)$

4.  $27 + 36 \times \frac{1}{12}$

**Rewrite the expression with parentheses to equal the given value.**

5.  $3 \times 4 - 1 + 2$

value: 11

6.  $2 \times 6 \div 2 + 1$

value: 4

7.  $5 + 3 \times 2 - 6$

value: 10

## Problem Solving



8. Chase has several pitchers to hold lemonade for the school bake sale. Two pitchers can hold 64 ounces each, and four pitchers can hold 48 ounces each. How many total ounces can Chase's pitchers hold?

9. At the bake sale, Jonah sold 4 cakes for \$8.25 each and 36 muffins for \$2.50 each. What was the total amount, in dollars, that Jonah received from these sales?

10. **WRITE** *Math* Give two examples that show how using parentheses can change the order in which operations are performed in an expression.

# Evaluate Expressions with Grouping Symbols

Go Online

Interactive Examples

Evaluate the numerical expression.

1.  $5 \times (11 - 3 - 4)$

$5 \times (8 - 4)$

$5 \times 4$

20

2.  $30 - (9 \times 2 - 3 \times 4)$

3.  $(25 - 11 + 15 - 9) \div 5$

4.  $8 \times (1.1 \times 2 - 0.4 \times 0.4)$

5.  $(5 \times 2 + 30 - 5) \div 5$


## Problem Solving

Use the information at the right for 6 and 7.

6. Write an expression to represent the total number of muffins and bagels Reza sells in 5 days.

Reza has a cafe. Each day, he bakes 24 muffins. He gives away 3 and sells the rest. Each day, he also bakes 36 bagels. He gives away 4 and sells the rest.

7. Evaluate the expression to find the total number of muffins and bagels Reza sells in 5 days.

8.  **WRITE** *Math* Explain how to use parentheses to organize information appropriately.