



# American Math

Ms. Wang

# Class Information - HANDOUT

- 4 pages in total
- English version: Pages 1–2
- La versión en español se encuentra en las páginas 3–4

## Grade 6 American Math – Open House Handout

Ms. Wang

Email: [yuzhu.wang@archimedean.org](mailto:yuzhu.wang@archimedean.org)

---

### 1) Weekly Homework Announcements

- Posted **every Monday** in Archie (Homework section)
- Students and families can plan ahead

**Example: Sep 15-21 HW Announcement (Find it in the Archie Homework section)**

Sep 15	Sep 16	Sep 17	Sep 18	Sep 19
HW: Watch Chapter 3 Youtube videos and take notes (6 videos)  - Posted on Sep 12  (handwritten only and show me all steps)  Due: 11:59pm on Sep 19, 2025			HW: Chapter 3    (handwritten only and show me all steps)  Due: 11:59pm on Sep 21, 2025	

**Each announcement includes:** Homework (posted date & due date), quiz/test dates, weekly agenda (class topics), and on the page 2: assigned YouTube review videos

---

### 2) Homework Expectations

- **Handwritten only, showing all steps**
  - Homework is designed to prepare students for quizzes and tests
  - **Late work procedure:**
    1. Submit the assignment on Archie
    2. **Email me with student's name & homework title**
    3. Grade will be adjusted once reviewed
- 

### 3) Class Structure

- Supplies: **notebook and pencils only** (no iPads, phones, or smartwatches)



# Rules and Expectations

- Arrive on time
- No eating or drinking
  - Put water bottles & lunch boxes on the table when students come in
- Raise hand when student need something
  - Include to talk & go to the restroom
- No cell phones/ ipads/ smart watches in class
- For safety, do not lean back in the chair



# Weekly Homework Announcements

- Posted every **Monday** in Archie (Homework section)
- Students and families can plan ahead

## Each announcement includes:

- Homework (posted date & due date)
- quiz/test dates
- weekly agenda (class topics)
- on the page 2: assigned YouTube review videos

Ms. Wang  
American Math  
yuzhu.wang@archimedean.org

**Week of 09/15/2025 - 09/22/2025 (2 pages)**

### ANNOUNCEMENTS:

- 1) Chapter 1-2 Test on Sep 15, 2025
- 2) FAST Math PM1 Exam on Thursday, Sep 18, 2025.

**REMINDER: Check the gradebook to see if you have any missing assignments to submit. Email me to let me know you submitted.**

**Daily Participation Grade:** Participation is not just raising your hand with an answer, but includes: being on task, following rules, bringing notebook and pencils, and not distracting others from their participation, etc

### Week Agenda in class:

Sep 15: Chapter 1-2 Exam  
Sep 16: FAST ELA Exam  
Sep 17: Integers & Rational Numbers  
Sep 18: FAST Math Exam  
Sep 19: Absolute Value & Coordinate Plane

Sep 15	Sep 16	Sep 17	Sep 18	Sep 19
HW: Watch Chapter 3 Youtube videos and take notes (6 videos)  - Posted on Sep 12  (handwritten only and show me all steps)  Due: 11:59pm on Sep 19, 2025			HW: Chapter 3    (handwritten only and show me all steps)  Due: 11:59pm on Sep 21, 2025	

# Homework and Exam

The homework and exams are very similar; I only change the numbers.

Students are expected to  
**submit homework on time**  
to stay on track with  
learning

## HW Chapter 1-2 Exam Review (20 Questions Total)

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

1. Simplify  $3^3$ .
2. Solve  $(7 - 4) \div 2$
3. Solve  $5 \times (2^2 - 2)$
4. Write  $8^4$  as a product
5. State the 4 Properties of Operations
6. State their formulas
7. Simplify using the distributive property:  $-6(m - 5)$
8. GCF(28, 74)

## Chapter 1-2 Exam (20 Questions Total)

Name: \_\_\_\_\_ Section: \_\_\_\_\_ Start time: \_\_\_\_\_ End time: \_\_\_\_\_

Please copy the following sentence below as an agreement: *I understand and agree to show every step and explain my reasoning on all math work. Answers without work will receive a 50% deduction even if correct:*

---

---

1. Write  $5^4$  as a product.
2. Simplify  $2^3$ .
3. Solve  $(9 + 7) \div 2$
4. Solve  $3 \times (5^2 - 2)$
5. State the 4 Properties of Operations
6. State their formulas
7. Simplify using the distributive property:  $-2(y - 5)$

# Homework Expectations

- **Handwritten only, showing all steps**
- Homework is designed to prepare students for quizzes and tests
- **Late work procedure:**
  1. Submit the assignment on Archie
  2. Email me with student's name & homework title
  3. Grade will be adjusted once reviewed

## Section B: Order of Operations (show me all steps)

$$7. 5 + 3 \times 4$$

*Handwritten work:*  
 $12 + 5 = 17$   
2)

$$8. 4 \times 5 + 5$$

*Handwritten work:*  
 $20 + 5 = 25$

$$9. -2(4 + 8) - 8$$

*Handwritten work:*  
 $-2 \times (12) - 8 = -2 \times 12 = -24 - 8 = -32$

$$10. -3(4 - 8) - 8$$

*Handwritten work:*  
 $-3(-4) - 8 = -3 \times (-4) = 12 - 8 = 4$

$$11. (3 + 5) + 2$$

*Handwritten work:*  
 $8 \div 2 = 4$

$$12. 15 + 2(9 - 10)$$

*Handwritten work:*  
 $15 + 2(-1) = 15 - 2 = 13$

$$13. 3 \times (3^2 - 3)$$

*Handwritten work:*  
 $3 \times (9 - 3) = 3 \times 6 = 18$

P → parenthesis  
E → exponents and powers  
M → multiplication  
D → division  
A → addition  
S → subtraction

## Section C: Properties of Operations (show me the reason, property name, and property formula for ALL QUESTIONS)

$$14. \text{State the property shown: } 16 + 9 = 9 + 16$$

- a. Reason: *group of addends/factors don't change the sum or product*
- b. Property name: *Commutative property*
- c. Formula:  $a \times b = b \times a$

$$15. \text{State the property shown: } (2+5)+13=2+(5+13)$$

*Associative*

$$16. \text{State the property shown: } 8 \times 1 = 8$$

*Identity property of 1*

$$17. \text{State the property shown: } 2 \times (8 + 3) = 2 \times 8 + 2 \times 3$$

*Associative property*

# Homework Examples

6. Find the sum. Write the answer in simplest form.

$$\frac{4}{5} + \frac{3}{10} = \frac{11}{10} \quad \left( \frac{1 \frac{1}{10}}{\right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #36

7. Find the difference. Write the answer in simplest form.

$$\frac{5}{7} - \frac{2}{9} = \frac{45}{63} - \frac{14}{63} = \frac{31}{63} \div 7 = \frac{11}{21} \quad \left( \frac{11}{21} \right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #37

8. Find the sum. Write the answer in simplest form.

$$\frac{11}{8} + \frac{1}{6} = \frac{33}{24} + \frac{4}{24} = \frac{37}{24} \quad \left( \frac{1 \frac{13}{24}}{\right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #38

9. Multiply. Write the answer in simplest form.

$$\frac{1}{8} \times \frac{1}{6} = \frac{1}{48} \quad \left( \frac{1}{48} \right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.2 Multiplying Fractions 0.2 In-Class Practor (34 - 18)-Question #34

10. Multiply. Write the answer in simplest form.

$$\frac{3}{8} \cdot \frac{2}{3} = \frac{6}{24} \rightarrow \frac{1}{4} \quad \left( \frac{1}{4} \right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.2 Multiplying Fractions 0.2 In-Class Practor (34 - 18)-Question #35

11. Multiply. Write the answer in simplest form.

$$\frac{2}{6} \cdot 4 \frac{2}{5} = \frac{13}{6} \times \frac{22}{5} = \frac{286}{30} \rightarrow 9 \frac{16}{30} \quad \left( \frac{9 \frac{8}{15}}{\right)$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.2 Multiplying Fractions 0.2 In-Class Practor (34 - 18)-Question #36



6. Find the sum. Write the answer in simplest form.

$$\frac{4}{5} + \frac{3}{10} = \frac{11}{10}$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #36

7. Find the difference. Write the answer in simplest form.

$$\frac{5}{7} - \frac{2}{9} = \frac{11}{21}$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #37

8. Find the sum. Write the answer in simplest form.

$$\frac{11}{8} + \frac{1}{6} = \frac{37}{24}$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.1 Adding and Subtracting Fractions 0.1 Practor (36 - 42)-Question #38

9. Multiply. Write the answer in simplest form.

$$\frac{1}{8} \times \frac{1}{6} = \frac{1}{48}$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.2 Multiplying Fractions 0.2 In-Class Practor (34 - 18)-Question #34

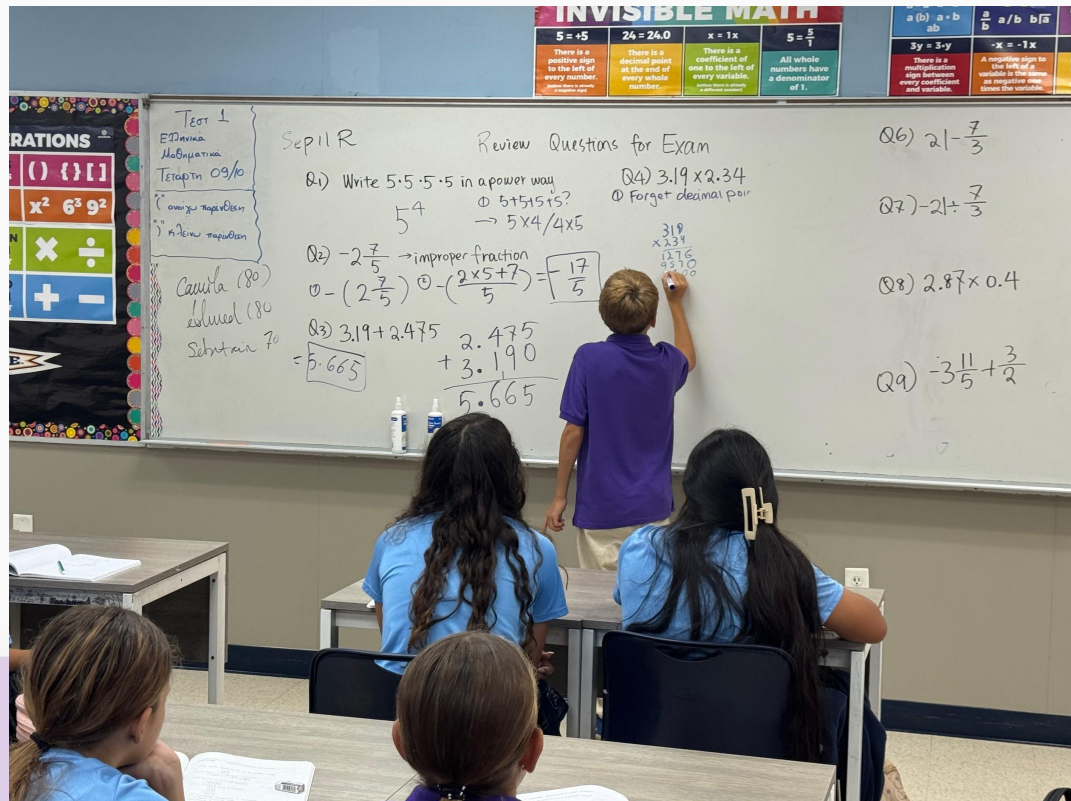
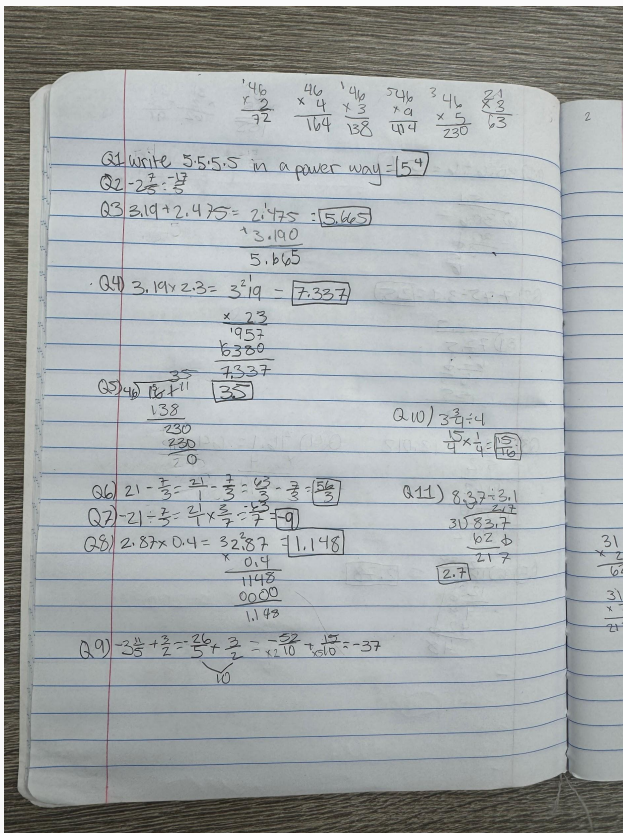
10. Multiply. Write the answer in simplest form.

$$\frac{3}{8} \cdot \frac{2}{3} = \frac{1}{4}$$

Grade 6 Acad. FL 2023-Chapter 2-Section 2.2 Multiplying Fractions 0.2 In-Class Practor (34 - 18)-Question #35

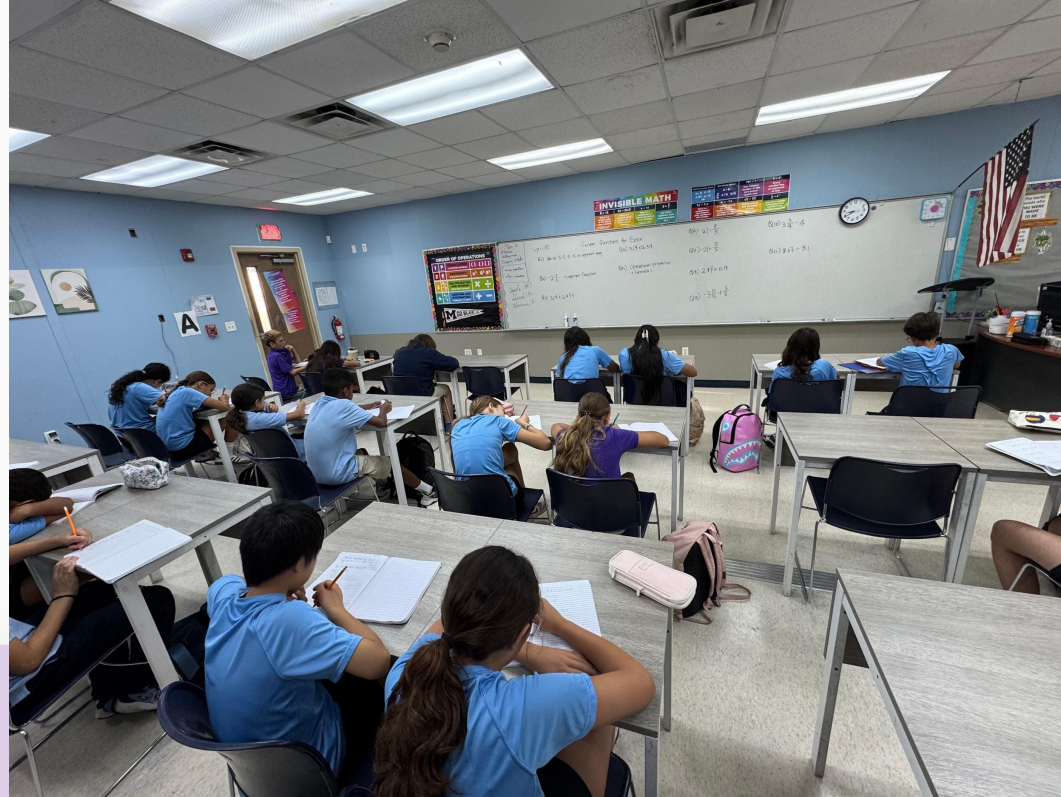
11. Multiply. Write the answer in simplest form.

# Notebook Example



# Class Structure

- Supplies: **notebook and pencils only** (no iPads, phones, or smartwatches)
- Daily routine:
  1. Six review questions on the board
  2. Review & solved questions together
  3. New lesson: definitions, formulas, examples
  4. Practice problems and class review



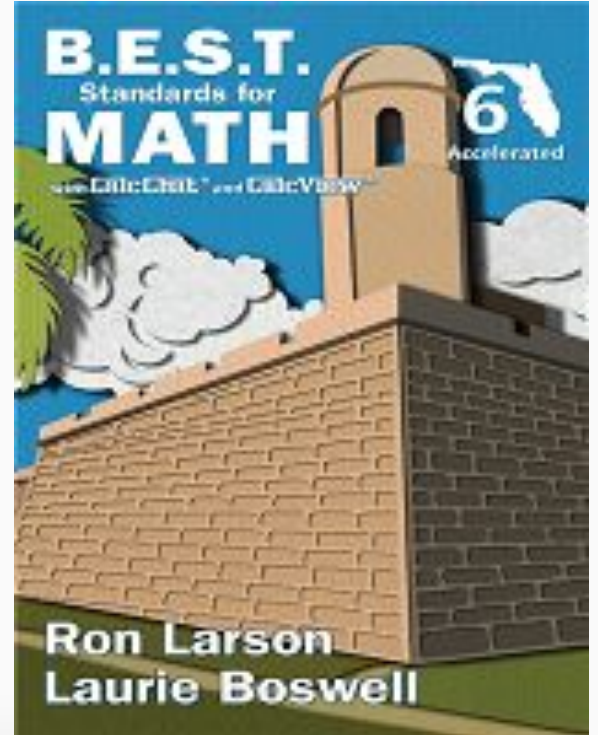
# Gradebook & Text book

## Gradebook

- 1) Please check gradebook **WEEKLY**

## Textbook

- 1) Big Ideas Math Florida B.E.S.T. – Accelerated 6th Grade
- 2) Students have online access to the textbook and all practice problems



# Course Overview

- Integers, Fractions, and Decimals
- Ratios, Rates, and Percents
- Expressions, Equations, and Inequalities
- Geometry
- Statistics and Probability



## **FAST PM1 Mathematics**

Grades Tested: 6

Tests Taken: 126

Date Last Taken: **09/18/2025**



Percent  
Count

4%

5

21%

26

29%

37

35%

44

11%

14





Thank you