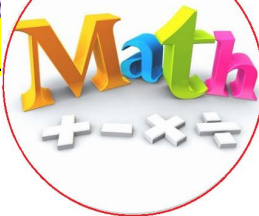


Name: _____

Section: _____



WRITE YOUR NAME

Homework

This week we will be working on multiplication of multi-digit numbers. We will also complete the HMH Diagnostic..

Homework is due on MONDAY Sept 25.

Reminders

Please remember that homework is just a reinforcement of what we do in class. When a scholar completes homework, they are retaining the information. A scholar who does not complete the homework is more likely to forget what was learned in class.

Notes

- Homework is graded for completion. **However, students must show their work.** Students will lose 50% of the points if they turn in homework showing no work, even if the answers are present.
- **I will not accept homework more than four days late.** If the homework is **due on Monday**, the last day to turn it in will be **Friday**. Late homework will have points deducted. Homework will be graded as follows:
 - o On time and complete/work shown: 100%
 - o One day late: deduct 11 %
 - o Two days late: deduct 21 %
 - o Three days late: deduct 31%
 - o Four days late: deduct 41%
 - o Five days or more late: Z

Please feel free to contact me with any questions or concerns at natalie.roman@archimedean.org.

<input type="checkbox"/>	<u>Monday</u>	September 18	Enrich Multiplication Inequalities
<input type="checkbox"/>	<u>Tuesday</u>	September 19	NONE - HMH Diagnostic
<input type="checkbox"/>	<u>Wednesday</u>	September 20	Enrich - Expanded Form
<input type="checkbox"/>	<u>Thursday</u>	September 21	NONE
<input type="checkbox"/>	<u>Friday</u>	September 22	NONE

Multiplication Inequalities

Write $<$, $>$, or $=$ for each \bigcirc .

1 $7 \times 60 \bigcirc 400$

2 $700 \bigcirc 90 \times 8$

3 $3 \times 800 \bigcirc 2,500$

4 $2,000 \bigcirc 400 \times 5$

5 $8 \times 6,000 \bigcirc 40,000$

6 $3 \times 9,000 \bigcirc 39,000$

7 $6 \times 900 \bigcirc 700 \times 8$

8 $8 \times 3,000 \bigcirc 6,000 \times 4$

9 $9 \times 4,000 \bigcirc 6,000 \times 6$

10 $800 \times 9 \bigcirc 3,000 \times 3$

Expanded Form Match-Up

Write the multiplication expression for each expanded form.
Then match the multiplication expression with its product.

1 $(7 \times 900) + (7 \times 80) + (7 \times 7)$

A. 15,144

B. 7,065

2 $(3 \times 5,000) + (3 \times 40) + (3 \times 8)$

C. 15,720

D. 6,909

3 $(8 \times 900) + (8 \times 2)$

E. 16,224

4 $(4 \times 3,000) + (4 \times 900) + (4 \times 60) + (4 \times 2)$

F. 15,848

G. 7,360

5 $(2 \times 7,000) + (2 \times 800) + (2 \times 6)$

H. 7,216

I. 15,612

6 $(9 \times 700) + (9 \times 80) + (9 \times 5)$

J. 14,172