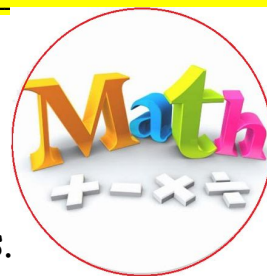


Name: _____

Section: _____

WRITE YOUR NAME



Homework

This week we will be studying Place Value and Ordering Numbers.

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 assigned 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

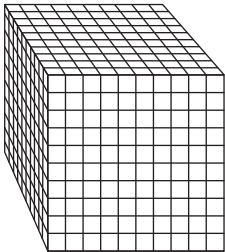
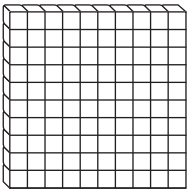


Please feel free to contact me with any questions or concerns at natalie.roman@archimedean.org.

<input type="checkbox"/>	<u>Monday</u>	August 21	NONE
<input type="checkbox"/>	<u>Tuesday</u>	August 22	Place Value and Patterns
<input type="checkbox"/>	<u>Wednesday</u>	August 23	Read and Write Numbers
<input type="checkbox"/>	<u>Thursday</u>	August 24	Compare and Order Numbers
<input type="checkbox"/>	<u>Friday</u>	August 25	Round Numbers

Place Value and Patterns

Use a place-value chart and base-ten blocks to understand the relationships between digits.

The Atlantic shoreline of Florida is 3,341 miles long. Identify and compare the values of the 3s in that number.

Thousands	Hundreds	Tens	Ones
			
<u>3</u> ,	③	4	1

The base-ten blocks show the value of each place.

A. Underline the first 3 and circle the second 3.

B. Use the place-value chart to find the values.

The underlined digit 3 has a value of 3 thousands or 3,000.

The circled digit 3 has a value of 3 hundreds or 300.

C. Use the base-ten blocks to compare the values.

3 thousands is 10 times the value of 3 hundreds.

Write the value of the underlined digit.

1 9,804

2 23,614

3 26,550

4 178,296

5 43,829

6 590,362

Read and Write Numbers

Look at the digit 6 in the place-value chart below. It is in the hundred thousands place. So, its value is 6 hundred thousands.

In word form, the value of this digit is six hundred thousand.

In standard form, the value of the digit 6 is 600,000.

THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones
6	5	9,	0	5	8

Read the number shown in the place-value chart.

In word form, this number is written as six hundred fifty-nine thousand, fifty-eight.

You can also write the number in expanded form:

$$600,000 + 50,000 + 9,000 + 50 + 8$$

Note that when writing a number in words, a comma separates periods.

Read and write each number in two other forms.

1 $40,000 + 1,000 + 300 + 70 + 8$

2 twenty-one thousand, four hundred

3 391,032

Compare and Order Numbers

Compare 31,072 and 34,318. Write $<$, $>$, or $=$.

Step 1 Align the numbers by place value using grid paper.

Step 2 Compare the digits in each place value. Start at the greatest place.

Are the digits in the ten thousands place the same?

Yes. Move to the thousands place.

Are the digits in the thousands place the same?

No. 1 thousand is less than 4 thousands.

start here													
		3	1	0	7	2			3	1	0	7	2
		3	4	3	1	8			3	4	3	1	8
3 = 3						1 < 4							

Step 3 Use the symbols $<$, $>$, or $=$ to compare the numbers.

$<$ means *is less than*. $>$ means *is greater than*. $=$ means *is equal to*.

There are two ways to write the comparison.

31,072 $<$ 34,318 or 34,318 $>$ 31,072

1 Use the grid paper to compare 21,409 and 20,891.

Write $<$, $>$, or $=$.

21,409 \bigcirc 20,891

Compare. Write $<$, $>$, or $=$.

2 \$53,621 \bigcirc \$53,760

3 82,550 \bigcirc 80,711

Order from greatest to least.

4 16,451; 16,250; 17,014

5 561,028; 582,073; 549,006

Round Numbers

When you round a number, you replace it with a number that is easier to work with but not as exact. You can round numbers to different place values.

Round 8,756 to the place value of the underlined digit.

Step 1 Identify the underlined digit.

The underlined digit, 8, is in the thousands place.

Step 2 Look at the number to the right of the underlined digit.

If that number is 0–4, the underlined digit stays the same.

If that number is 5–9, the underlined digit is increased by 1.

The number to the right of the underlined digit is 7, so the underlined digit, 8, will be increased by one; $8 + 1 = \underline{9}$.

Step 3 Change all the digits to the right of the thousands place to zeros.

So, 8,756 rounded to the nearest thousand is 9,000.

- 1** In 2019, the population of Long Boat Key, Florida was 7,283. Use the number line to round this number to the nearest thousand.



7,283 is closer to _____ than _____,

so it rounds to _____.

Round to the place value of the underlined digit.

2 3,452

3 180

4 \$2,471

5 8,600

6 950

7 6,495

8 835

9 6,625