

Name _____

4th Grade Homework - Week 2

3.2

Mrs. Parlow gives her class clues about a 5-digit mystery number.

- The 3 is in a place that is 100 times greater than the place of the 4.
- The 2 is in a place that is 10 times less than the place of the 3.
- The 8 is in a place that is 10 times less than the place of the 4.
- The 7 is in a place that is 100 times greater than the 2.

★ TRICKY!

What is Mrs. Parlow's 5-digit mystery number?

Write the expanded form for the number below.

HTh	TTh	Th	H	T	O
2	7	1	8	8	4

Brody says that all of the digits in the number 333 have the same value. Is he correct? Why or why not?

Brody is because

100 is _____ times as much as 10.

4,000 is ten times as much as _____.

is ten times as much as 300,000.

How many 100s are there in 1,000?

Write to explain.

There are hundreds in 1,000 because

Monday

Ten tens are equal to _____.

Ten hundreds are equal to _____.

Ten thousands are equal to _____.

Ten ten thousands are equal to _____.

In the number 7,889, which places contain digits where one digit is ten times the value as the other digit?

Decrease 964,763 by 1,000.

Increase 14,247 by 10,000.

Decrease 563,890 by 100,000.

4NBT1
4NBT2

3.3, 3.4

Use the table below to answer the questions.

Populations	
Atlanta	472,522
Douglas	11,727
Macon	91,351
Savannah	146,763
Valdosta	56,474

Compare the numbers using <, >, or =.

1,273 ○ 1,723

67,389 ○ 76,389

129,985 ○ 129,985

983,559 ○ 983,560

4,677,348 ○ 4,673,148

Write the following numbers in order from least to greatest.

466,738

469,459

465,882

How many times greater is the value of the 5 in 3,590 than the value of the 5 in 359?

Write to explain.

The 5 in 3,590 is times greater than the 5 in 359.

Tuesday

Which city has the greatest population?

Which city has the smallest population?

Which population is greater, Douglas or Macon?

What place would you use to compare the numbers below?

45,678 45,778 45,447

Write the numbers in order from least to greatest.

Circle the digit that is the same value in all of the numbers below.

462,738

1,202,459

62,882

What is the place of the digit?

Katelyn helped deliver canned goods to the local shelter. Last week, she delivered 5 boxes with 100 cans each, 2 crates with 1,000 cans each, and 4 bags with 10 cans each. How many cans did she deliver last week?

4NBT1
4NBT2

35

Complete the table below.

Original Number	Rounded to the Hundreds Place	Rounded to the Thousands Place
145,905		
567,841		
	351,800	352,000
	41,200	41,000

Circle the numbers below that would round to 140,000 when rounded to the nearest ten thousand.

- 143,500
- 148,930
- 141,270
- 145,000

Arrange the digits 6, 3, 9, 3, and 4 to create the lowest possible five-digit number.

Arrange the digits 6, 3, 9, 3, and 4 to create the highest possible five-digit number.

Arrange the digits 4, 3, 8, 1, 2, 6, and 8 to create the lowest possible seven-digit number.

Wednesday

Write the expanded form for the number below.

HTh	TTh	Th	H	T	O
	2	6	4	3	2

Multiply to find each product.

- $7 \times 10 =$ _____
- $70 \times 10 =$ _____
- $700 \times 10 =$ _____
- $7,000 \times 10 =$ _____
- $70,000 \times 10 =$ _____
- $700,000 \times 10 =$ _____

What is the greatest number that rounds up or down to 900 when rounded to the nearest hundred?

4NBT1
4NBT2
4NBT3

Thursday

Chelsea has written an eight-digit number. The only difference between Chelsea's number and the number sixty-one million, three hundred forty-five thousand, two hundred seventeen is that her number is larger by 3 digits in the ten thousands place. How is Chelsea's number written in standard form?

When rounding to the nearest ten, what is the greatest whole number that rounds to 7,670?

Circle the inequalities that are false.

- $43,500 < 146,890$
- $3,468 > 3,467$
- $89,345 < 89,784$
- $7,456 > 7,546$
- $14,345 < 13,245$

The value of the digit 7 in 64,713 is _____ times the value of the digit 7 in 375.

The value of the digit 3 in 375 is _____ times the value of the digit 3 in 64,713.

This question has three parts A-C.

A clothing store mailed its customers coupons. It sent 4,509 coupons last month and 4,905 coupons this month.

Part A

Write an inequality using $<$, $>$, or $=$ to compare the two amounts.

Part B

Explain how you used the digits to determine the answer.

I know 4,509 is
_____ than 4,905
because

Part C

If the company plans on mailing out 5,000 coupons next month, how many more coupons will they need to mail than they mailed this month?

Show your work!

4NBT1
4NBT2
4NBT3