Name_____ 6th Grade Math Homework Due Friday October 9, 2020

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.

_____

Write the expanded form for the number below.

HTh	TTh	Th	H	T	O
6	2	6	4	3	2

_____

_____

_____

_____

Multiply to find each product.

7 x 10 =_____

70 x 10 =_____

700 x 10 =_____

7 000 x 10 =_____

70 000 x 10 =_____

700 000 x 10 =_____

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

_____

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

_____

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.

_____

_____

_____

_____

_____

_____

_____

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!

SHOW ALL WORK!

Find the Sums:

9 8 3 + 1 9 7	3 827 + 709	3 9 0 + 9 1 2	2 837 + 3 990

Find the Differences:.

3 1 3 - 1 5 4	3 873 – 1 966	9 0 5 2 – 7 3 9 1	4 149 - 358

Find the Products using box or traditional method:

1 2 x 8 6	2 5 x 3 3	1 4 x 5 8	3 6 x 7 3

Find the Quotients using long division:

68÷5	**56÷4**	**45÷3**	**31÷3**