ROUNDING NUMBERS

consider the number line below:

What does it mean to round to the nearest 10?

↪ Example 1:
ROUND 32 to the nearest 10.

The number 32 is between ____ and ____ on the number line above.
Since 32 is CLOSER to ____ than to ____, 32 rounded to the nearest 10 is ____.

↪ Now try these:
Round to the nearest 10:

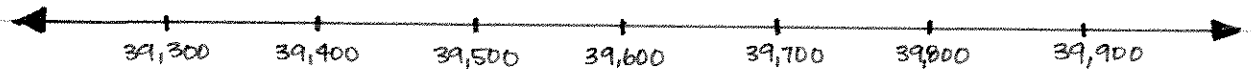
a) 59 → ____

b) 44 → ____

c) 65 → ____ (because we always round up)

Example 2:
What is 39,602 rounded to the nearest hundred?

We should make a number line that shows increments of _____.



The number 39,602 is between _____ and _____ on the number line above. Since 39,602 is CLOSER to _____ than to _____, 39,602 rounded to the nearest hundred is _____.

Note: FOR positive numbers only, if the digit to the right of the given place value to be rounded is 5 or greater, change it to a 0 and add 1 to the previous digit. If the digit is less than 5, change it to a 0 and leave the previous digit unchanged.

What about negative numbers ?

example 3:
what is -42 rounded to the nearest 10?

The number -42 is between ____ and ____ on the number line above.
Since -42 is CLOSER to ____ than to ____, -42 rounded to the nearest 10 is ____.

NOW try these:
Round to the nearest 10:

a) -59 → ____

b) -44 → ____

c) -65 → ____ (because we always round up)

d) -5 → ____