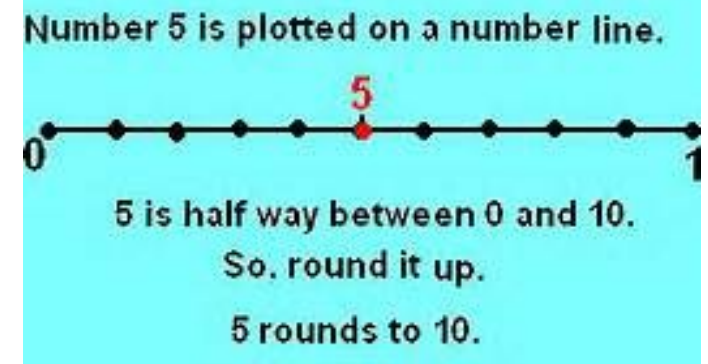


Estimation and Inequalities

SOL 3.1b



Steps for Rounding Numbers:

1. Identify the place you are rounding to-Tens, Hundreds, or Thousands
2. Underline the place you are rounding to and look one digit to the right
3. If the digit is less than 5, leave the digit in the rounding place as it is and change the digits to the right of the rounding place to zero
4. If the digit is 5 or greater, add 1 to the digit in the rounding place, and change the digits to the right of the rounding place to zero.

*Be sure that if you ignored any digits on the front of the number when you were rounding, that you add them back to the front of the number when you are finished rounding.

0,1,2,3,4,-Round Down

5,6,7,8,9-Round Up

Example: 443 rounded to 100

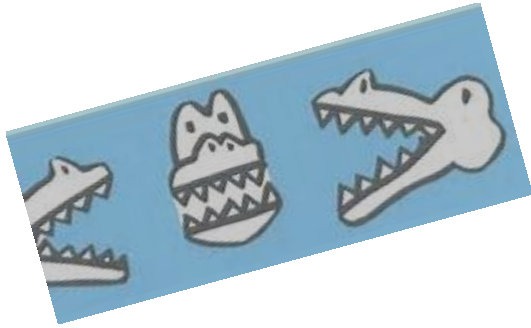
2. 443

3. 4 is less than 5 so 443 to the nearest 100 is **400**

Example: 6,721 rounded to 1,000

2. 6,721

3. 7 is greater than 5 so 6,721 rounded to the



Comparing Numbers

SOL 3.1c

Steps for Comparing Numbers:

1. Look at the first digits in both numbers: 8,385; 8,372 (same, keep going).
2. Go on to the next digit in each number: 8,385; 8,372 (same, keep going).
3. Keep going until you find a pair of digits that are different. When you find them, follow step 4.
4. If they are different, stop. Figure out which of those digits is greater, and that tells you which whole number is greater: 8,385; 8,372

<

>

=

Steps 1.—3. 8,385 8,372

Step 4: 8 is greater than 7 therefore $8,385 > 8,372$