

Rounding Notes

1) Two ways to remember how to round:

❖ ***"5 or More – Up the Score; 4 or Less – Give It a Rest"***

❖ Use a number line:

○ 1, 2, 3, 4 / 5, 6, 7, 8, 9
←—————→

2) When you are rounding, circle the number who holds the position of the place value you have been asked to round to

❖ Example: Round to the nearest 100

○ 2, 3 5 6

3) Then look at the **number to the right** of the place value you are rounding to.

❖ Example: Round to the nearest 100

○ 2, 3 5 6

❖ If it is **4 or less**, the number in that place value (the number you circled) **remains the same**, and the rest of the **numbers after it are replaced by zeros**. All of the **numbers in front of the number you circled, remain the same**.

○ Example: Round to the **nearest 100**

▪ 2, 3 1 6

- 1 is the number to the right, and it is 4 or less, **so the 3 will remain the same** (we'll "give it a rest")
- 2,300 is the correct answer

○ We replaced the rest of the numbers with zeros

❖ When the number to the right is **5 or more**, the number in that place value (the number you circled) **raises by one**, and the rest of the **numbers after it are replaced by zeros**. All of the **numbers in front of the number you circled, remain the same**.

○ Example: Round to the **nearest 100**

▪ 2, 3 5 6

- 5 is the number to the right, and it is 5 or more, so we will **add 1 to the 3 ("up the score")** and we now have 4
- 2,400 is the correct answer

○ We replaced the rest of the numbers with zeros

