

Rounding Whole Numbers (without a number line)

Do you remember the quick way to round whole numbers without drawing a number line? Let's review. *No matter what place you are rounding to, you always use the same method:*

- a) Underline the digit in the place you are rounding to.
- b) Now look at the digit directly to the right of the underlined digit
- c) If the digit directly to the right is 0, 1, 2, 3 or 4, let the digit in the place you are rounding to alone and replace *all* digits to the right with zeros.
- d) If the digit directly to the right is 5, 6, 7, 8, or 9, add 1 to the digit in the place you are rounding to (the underlined digit) and replace *all* digits to the right with zeros.

Examples:

Round 347 to the nearest 10. The digit in the 10's place is 4. Underlining it gives 347. The digit directly to the right of the 4 is 7. So, we add one to the 4 (the digit in the place we are rounding to) and replace the 7 (the only digit to its right) with a zero. This gives 350 as 347 rounded to the nearest ten.

Round 347 to the nearest 100. The digit in the hundred's place is 3. Underlining it gives 347. The digit directly to the right of the 3 is 4. So, we do nothing to the 3 (the digit in the place we are rounding to), but we replace the digits to its right (the 4 and the 7) with zeros. This gives 300 as 347 rounded to the nearest hundred.

1. What is 55 rounded to the nearest ten?
2. What is 136 rounded to the nearest ten?
3. What is 444 rounded to the nearest hundred?
4. What is 761 rounded to the nearest hundred?

