Rounding Whole Numbers (Tens and Hundreds) Lesson

A. Round 83 to the nearest tens place.

B. Round 268 to the nearest hundreds place.

Explanation for A:

When rounding, the first thing we do is identify the place value that will determine if we round up or down. In this case, we are asked to round to the nearest tens place. This means that the place value below the tens (ones) will determine if we round up or down.

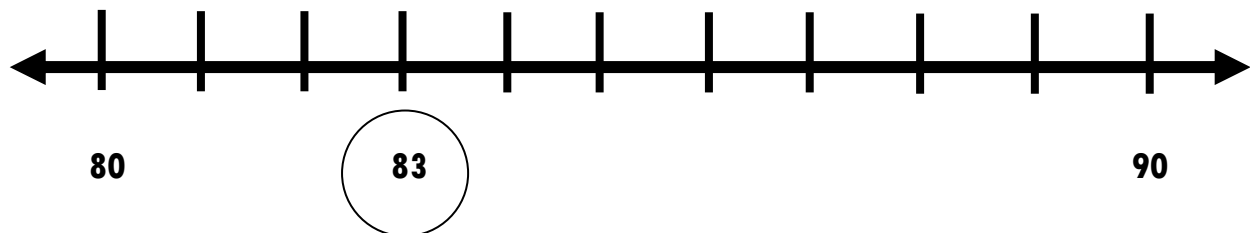If the ones value is 1 to 4, we round down and make the ones place a 0.

If the ones value is 5 or more, we round up and make the ones place a 0 and raise the tens place to the next higher value.

8	3
tens	ones

3 ones tell us to round down.

The means that the final rounded value will be 80.

We can see this clearly on a number line. 83 is close to 80, than 90.

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     80          (83)                              90
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Explanation for B:

We are asked round to the nearest hundreds place, so we will use the tens place to tell us how we need to round. If the value of the tens place is 5 or higher, we round up. If the tens place value is 4 or lower, we round down.

2	6	8
hundreds	tens	ones

The tens is 6 (5 or higher), so we round the hundreds place up and make all other integers a zero. 268 rounded to the nearest hundred would be 300.