

## How to round numbers

1. Identify the number to the right of the place value column you are rounding to:

**Example:** Round 367 to the nearest 10

The number to the right of the tens column is the ones (7)

2. If the number you have identified is 5, 6, 7, 8, or 9 - you will round up  
If the number you have identified is 4, 3, 2, 1 or 0 - you will round down

**Example:** The number we've identified is 7 so we will round up.

3. Think about what you are rounding up or down to.  
When rounding to the nearest 10, you want to think about which 10s the number is between, then round up or down to those.

**Example:** The number we started with is 367.

67 is between 60 and 70. Those are the multiples of 10 that it lies between. We've said we are rounding up so will round up to 70.

Our final answer is: 367 rounded to the nearest 10 is 370.

**Be careful! If the number you are rounding is a 9. Look at this example.**

Round 3962 to the nearest hundred.

Step 1 - identify the number to the right. That's the 6.

Step 2 - decide if you are rounding up or down. 6 rounds up.

Step 3 - sometimes, we skip this step and just know it's going to go up to the next number, like 67 above went to 70.

**However**, if there is a 9, like this, you can't just round up, because that's 10 and you can't have more than 9 in a column.

It helps, if you have done step 3, because you will know that the hundreds you are looking at in this case are 900 and 1000 because they are the hundreds that 962 lies between.

In this case, we're rounding up to 1000 **but** you already have 3 in the thousands column! Don't panic! When you round this up to the nearest hundred, you end up with the answer 4000 (which is technically 40 hundreds!).