

Rounding

Decimal Places

To round to a certain number of decimal places we first have to count however many places we want after the decimal point.

We look at the next number: if it is 5 or above we round up, if it is 4 or below we don't.

Round 5.368 to 2 decimal places

Count two decimal places

5.36|8

Look at the next number, in this example the 8:

5.36|8

If it is 5 or above we round up, so the answer is:

5.37

Significant Figures

Rounding to significant figures is almost the same as rounding to decimal places. The difference is instead of counting from the decimal point we start counting from the first non zero number.

Round 0.0563 to 2 significant figures

We start counting from the first non zero number:

0.056|3

Look at the next number, in this example the 3:

0.056|3

If it is 5 or above we round up, so the answer is:

0.056