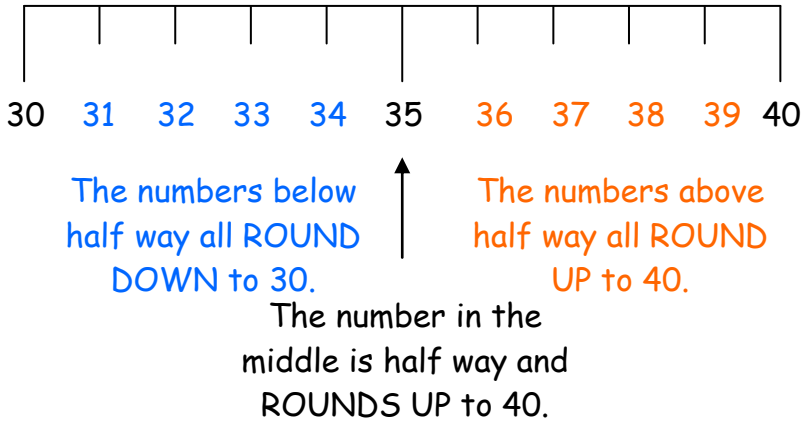
Rounding

ROUNDING

To the nearest 10,100 or 1000.

e.g. Round 38 to the nearest 10.

38 rounds to 40



ROUNDING

To a given number of decimal places.

e.g. Round 5.328 to 2 decimal places.

5.328 rounds to 5.33

5·328

If the number after the cut-off line is a 5, 6, 7, 8 or 9 we round up, so it becomes 5·33 otherwise it stays as 5·32

ROUNDING

To a given number of significant figures.

The zeros at the END of a whole number are NOT significant.

The zeros BETWEEN other significant figures ARE significant.

The zeros at the START of a decimal are NOT significant.

The zeros at the END of a decimal ARE significant.

e.g. Round 23 761 to 2 significant figures.

The second significant figure is the thousands digit so round to the nearest thousand.

23 761 rounds to 24 000

Rounding Practice

http://www.mathsisfun.com/rounding-numbers.html

Learn about rounding and try the questions at the bottom of the page.

http://www.cimt.plymouth.ac.uk/projects/mepres/book8/bk8i4/bk8_4i5.htm

Learn about rounding and try the exercise at the bottom of the page.

www.supermathsworld.com Ask your teacher for login details.

Select Number from the options.

Select Rounding from the menu. Try the Easy, Medium and Hard levels.