

My mathematical journey

What do I need to remember from before?

Number lines: single and double
(NP1 – NP8)

Approximating numbers
(NP1 – NP7)

Inequalities (NP1)

Fractions (NP7)

Directed numbers (NP6)

What will I learn about in this unit?

Using my calculator
accurately and efficiently

Approximating numbers

Estimating answers to
calculations

Error intervals for rounding

Truncation

Where does this lead?

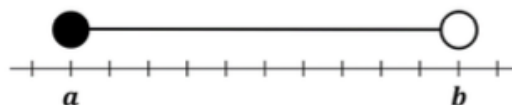
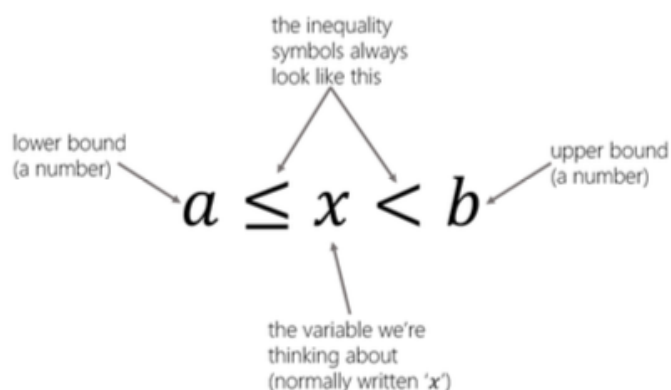
Solving complex problems
using the calculator (all future
units)

Checking answers by estimating
(all future units)

Problems with bounds (NP14)

Key words and symbols: what I need to say and write accurately

- An **error interval** uses inequalities to show the range of values a number could be. We can show it with inequalities *and* on a number line.



- A **surd** is a root that does not have an integer or fraction answer, such as $\sqrt{2}$ or $\sqrt[3]{10}$.

Symbol	\approx	$<$	\leq	$>$	\geq
How to read it	is approximately equal to	is less than	is less than or equal to	is greater than	is greater than or equal to

Fingertip facts: what I need to learn by heart

Time frame conversions	Days in the months
1 minute = 60 seconds	January: 31 days
1 hour = 60 minutes	February: 28 days (and 29 days in a leap year)
1 day = 24 hours	March: 31 days
1 week = 7 days	April: 30 days
1 year = 52 weeks	May: 31 days
1 year = 365 days	June: 30 days
1 leap year = 366 days	July: 31 days
	August: 31 days
	September: 30 days
	October: 31 days
	November: 30 days
	December: 31 days