



DIGITAL SCHOOL

LEARN HERE

Rounding

L.I. – to round

Success Criteria

- I can look at the place value digit to the right of what I am rounding to.
- I can round up if that digit is 5 or greater.
- I can keep the number the same if it is 4 or smaller.
- I can use a number line to help.

Rounding

There are many times in real-life where we would round a number. When we round a number it:

- ✓ makes the number simpler
- ✓ keeps it similar in value to the original number

Watch this video from BBC Bitesize to remind you of the rounding rules.

Click on the Bitesize logo to watch the video.



Rounding

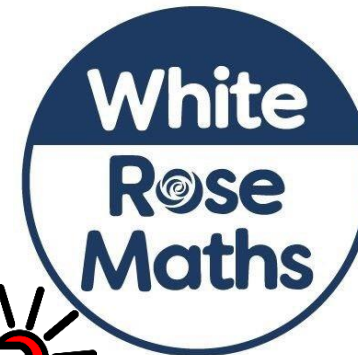
There are many times in real-life where we would round a number. When we round a number it:

- ✓ makes the number simpler
- ✓ keeps it similar in value to the original number

Watch the video from White Rose Maths to remind you of the rounding rules.

Click on the White Rose Maths logo to watch the video.

Rounding to 10,
100, 1000



Rounding

Let's remind ourselves of how to round to the nearest ten.

Start by looking at the number in the column to the right of what we are rounding to.
We are rounding to the nearest ten so we look at the units column.

Follow the rules of rounding.

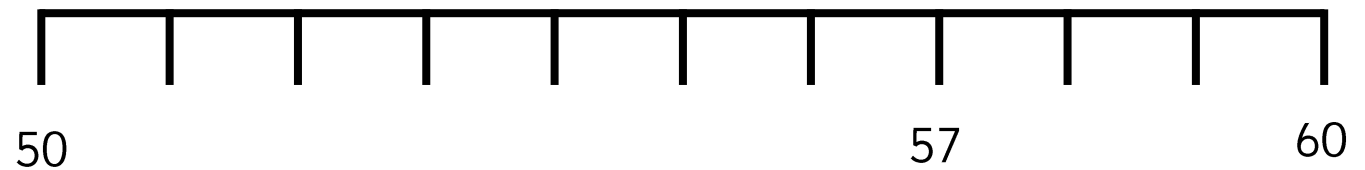
If the digit is 5 or greater then round up.

If the digit is 4 or lower then the number remains the same.

Round 57
to the
nearest 10

T	U
5	7

The units digit is 7 so we round up the tens digit. From 5 tens to 6 tens.



We can also use a number line to help. We see here that 57 is closer to 60 than 50 so we round up to 60

Rounding

Let's remind ourselves of how to round to the nearest 100.

Start by looking at the number in the column to the right of what we are rounding to.
We are rounding to the nearest hundred so we look at the tens column.

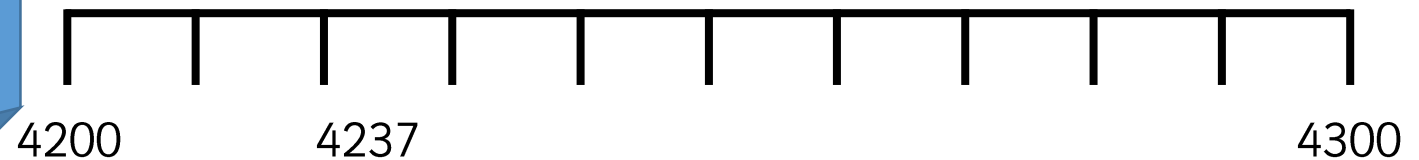
Follow the rules of rounding.

- If the digit is 5 or greater then round up.
- If the digit is 4 or lower then the number remains the same.

Round 4237 to the nearest 100

Th	H	T	U
4	2	3	7

The tens digit is 3 so the hundreds digit remains the same.



We can also use a number line to help. We see here that 4237 is closer to 4200 than 4300 so we keep the hundreds at 2 and round to 4200.

Rounding

Let's remind ourselves of how to round to the nearest 1000.

Start by looking at the number in the column to the right of what we are rounding to.

We are rounding to the nearest thousand so we look at the hundreds column.

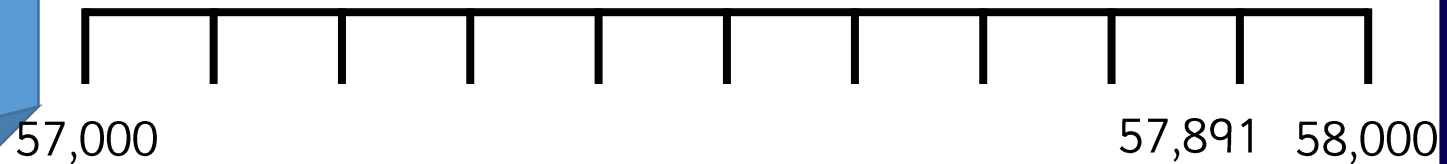
Follow the rules of rounding.

- If the digit is 5 or greater then round up.
- If the digit is 4 or lower then the number remains the same.

TTh	Th	H	T	U
5	7	8	9	1

Round 57891 to the nearest 1000

The hundreds digit is 8 so the thousands digit needs to go up to 8 thousands.



We can also use a number line to help. We see here that 57891 is closer to 58,000 than 57,000 so we round the thousands up to 8 and round up to 58,000.

Rounding

Let's remind ourselves of how to round to the nearest 1000.

Start by looking at the number in the column to the right of what we are rounding to.

We are rounding to the nearest ten thousand so we look at the thousands column.

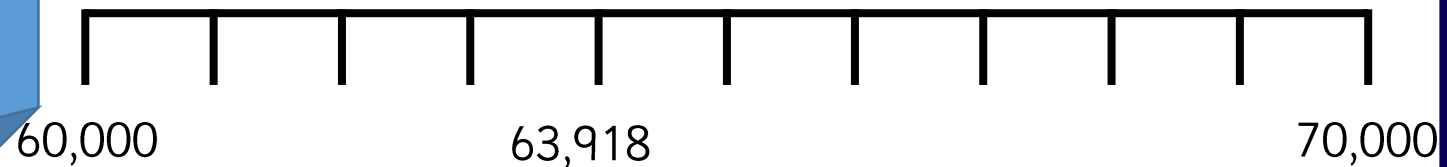
Follow the rules of rounding.

- If the digit is 5 or greater then round up.
- If the digit is 4 or lower then the number remains the same.

TTh	Th	H	T	U
6	3	9	1	8

The thousands digit is 3 so the ten thousands digit stays the same at 6 tens of thousands.

Round 63918 to the nearest 10,000



We can also use a number line to help. We see here that 63,918 is closer to 60,000 than 70,000 so we keep the tens of thousands the same at 6 tens of thousands and round to 60,000.

Rounding

Task

Use the rules of rounding to round the following numbers. You can draw an empty number line to help if needed.

Round these numbers to the nearest 10

- 1) 67 2) 87 3) 252 4) 143

Round these numbers to the nearest 100

- 1) 754 2) 845 3) 1872 4) 8539

Rounding

Task

Use the rules of rounding to round the following numbers. You can draw an empty number line to help if needed.

Round these numbers to the nearest 1000

- 1) 1340 2) 5639 3) 12,658 4) 73,289

Round these numbers to the nearest 10,000

- 1) 14,376 2) 78,654 3) 23,287 4) 9,999

Indigo Classroom

Rounding

Now that you have completed the task it is time to self – assess your work.
Let's look back at the Learning Intention and Success Criteria.

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Success Criteria

- I can look at the place value digit to the right of what I am rounding to.
- I can round up if that digit is 5 or greater.
- I can keep the number the same if it is 4 or smaller.
- I can use a number line to help.



I feel confident and can do these independently

I need some more practice and can do some of these independently

I need some help and more practice