HELLO!

Today we are going to revise rounding

Arithmetic Warm Up

Look at the following number and answer the questions:

25,433.256

1. Please read the above number out loud.

2. What is the **place value** of the 4?

3. What is the **value** of the 6?

Revision: Rounding to the nearest 100

What is meant by nearest 100? Round this number to the nearest 100

9 4 8

✎ What would be the multiples of 100 either side of this number? Write them in on the number line.

✎ Write down the number that would be in the middle of your number line.

Where would 948 fit on your number line?
Which multiple of 100 is it nearer to?

✎ So, 948 rounded to the nearest 100 is

Revision: Rounding to the nearest 1,000 and 10,000

THIRD SPACE
LEARNING

1. Round this number to the nearest 1,000

75,401

✎ Think of the multiples of 1,000 either side of this number.

What number would go in the middle?

✎ So 75,401 rounded to the nearest 1,000 is

2. Round 75,401 to the nearest 10,000.

Revision on rounding numbers

Today we are going to revise how to:

round numbers to the nearest 10, 100, 1,000 and 10,000

Question 1

Complete

Round **124,531**

to the nearest 10,000

to the nearest 1,000

You are learning to round numbers (Meeting Y6 expectations)

Question 2

Complete

Complete this table by rounding the numbers to the **nearest hundred**.

	Rounded to the nearest hundred
20,906	
2,090.6	
209.06	

You are learning to round numbers (Meeting Y6 expectations)

Let's review:

I can round numbers to the nearest 100

I can round numbers to the nearest 1,000 and 10,000

Draw a circle around the smiley face to show how you feel about what we've just been doing.

CHALLENGE

Complete

Olly thinks of a number and rounds it as shown in the table below.

	To the nearest 1,000	To the nearest 100	To the nearest 10
Olly's number	4,000	3,800	3,830

What is the smallest and the largest number that Olly could have used?

a) Smallest number

b) Largest number

You are learning to round numbers (Meeting Y6 expectations)

Rounding numbers to the nearest 100 by looking at 10s

How many 10s in these numbers?

100s 10s 1s

6 2 2   419   1,899

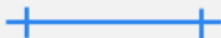If the 10s are less than 50, round **down** to the nearest multiple of 100.
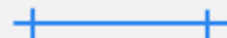If the 10s are 50 or more, round **up** to the nearest multiple of 100.

622 rounds _____ to [ ]

622
↓
600   700

Check by
thinking of the
numbers on a
number line

419 rounds _____ to [ ]

1,899 rounds_____ to [ ]

Rounding numbers to the nearest 1,000 by looking at 100s

We can use a similar method to round to the nearest 1,000.

How many 100s in these numbers?

1,000s 100s 10s 1s

5, 3 5 4   6,547   9,816

If the 100s are less than 500, round **down** to the nearest multiple of 1,000.
If the 100s are 500 or more, round **up** to the nearest multiple of 1,000.

5,354 rounds _____ to

6,547 rounds _____ to

9,816 rounds _____ to

5,354

5,000   6,000

You are learning to round numbers (Meeting Y6 expectations)