

Mathematics

**Reasoning with large whole numbers:
Solving problems involving rounding**

Ms Jeremy





Pause the video to complete your task



Resume once you're finished

What is the range of numbers that will round to 300 000 when rounding to the nearest multiple of 100 000?



300 000





Pause the video to complete your task



Resume once you're finished

What is the range of numbers that will round to 570 000 when rounding to the nearest multiple of 10 000?



570 000





Pause the video to complete your task



Resume once you're finished

Independent Task

I'm thinking of a whole number...

- a) My number is an odd number and has seven hundreds. It is approximately equal to 300 000 when rounded to the nearest hundred thousand.
- b) My number is a multiple of 2 and has eight tens. It is approximately equal to 427 000 when rounded to the nearest 1000.
- c) My number is divisible by five and has three thousands. It is approximately equal to 190 000 when rounded to the nearest 10 000.

