

Mathematics

Reasoning with large whole numbers: Solving problems involving place value and rounding

Ms Jeremy



Place Value



Pause the video to complete your task



Resume once you're finished

a) 31 420

b) 142 301

c) 824 013

The digit 4 has a value of 4000.

The digit 2 has a value of 20.

The digit 3 has a value of 30 000.

The digit 1 has a value of 1000.



Place Value Battle



Let's see who can make the number with the greatest value...

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones





Pause the video to complete your task



Resume once you're finished

The number is _____

The digit ___ has a value of _____

The digit ___ represents _____

The digit ___ has a value of _____

There is a place holder in the _____ place.

Hundred thousands	Ten thousands	Thousands	Hundreds	Tens	Ones

$$\underline{\hspace{2cm}} = \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$$





Pause the video to complete your task



Resume once you're finished

Hundred Thousands	Ten Thousands	Thousands	Hundreds	Tens	Ones



Nearest multiple of 100 000

Nearest multiple of 10 000

Nearest multiple of 1000





Pause the video to complete your task



Resume once you're finished

Independent Task

1. What is the value of the digit '5' in the number 250 138?
2. Write down the value of each digit in the number: 429 718.
3. What is 56 982 rounded to the nearest multiple of 10 000 and the nearest multiple of 1000?
4. What is the difference in the value of the '3s' in the number **3**08 **3**45?
5. Find 2 different ways to partition 432 872.

