

Mathematics

**Integer Addition and Subtraction:
Rounding to estimate**

Ms Jeremy

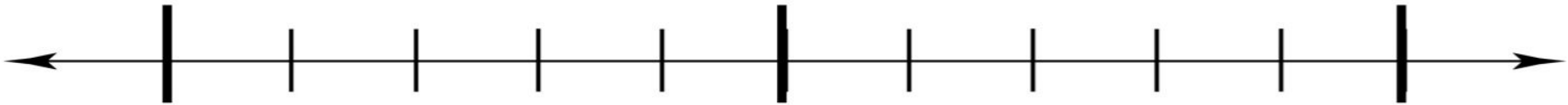


Pause the video to complete your task

Resume once you're finished

Can you round 183 625 to:
i) the nearest 10 000?
ii) the nearest 1000?

183 625



183 625 is approximately 180 000 (n.m. 10 000)

183 625 is approximately 184 000 (n.m. 1000)





Pause the video to complete your task



Resume once you're finished

Can you use rounding to the nearest 10 000 and 1000 to estimate an answer?

$$581\ 823 + 233\ 872 \approx$$

$$580\ 000 + 230\ 000 \\ = 810\ 000$$

$$582\ 000 + 234\ 000 \\ = 816\ 000$$



Pause the video to complete your task



Resume once you're finished

What is the total approximate population of Cambridge and Edinburgh?

Place	Population	Round to 100 000	Round to 10 000	Round to 1000	Round to 100
Cambridge 	123 945				
Edinburgh 	495 360				





Pause the video to complete your task



Resume once you're finished

Independent Task

Use rounding (n.m. 10 000 and 1000) to estimate the answers to the following:

1. $563\,219 + 144\,832 =$
2. $623\,914 + 182\,453 =$
3. $791\,201 + 128\,522 =$
4. $612\,733 + 335\,029 =$
5. Would you be more likely to round to the nearest 10 000 or 1000 when estimating? Why?

