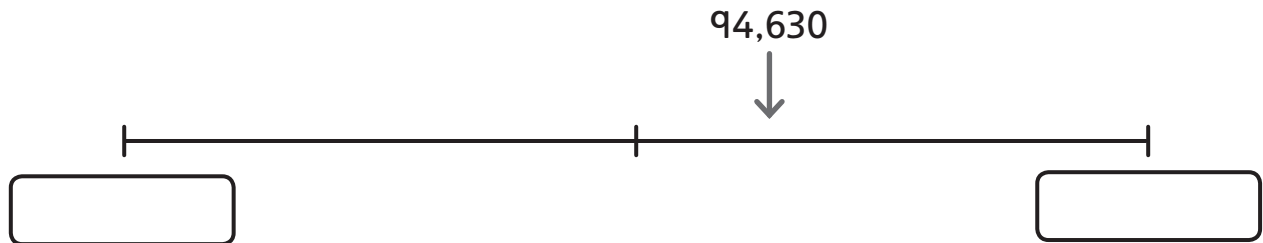


Rounding numbers within 100,000

1 a) Think about the number 94,630.

Write the two multiples of 10,000 it lies between on the number line.



b) Use the number line to complete these sentences.

94,630 is closer to than to .

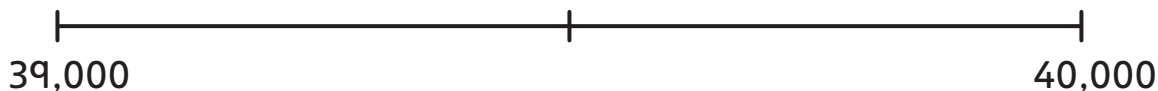
94,630 rounds to to the nearest 10,000.

2 Complete the table for the number shown in the place value grid.

TTh	Th	H	T	O
9	6	3	0	4

The number represented is:	Rounded to the nearest 10,000 it is:	Rounded to the nearest 1,000 it is:	Rounded to the nearest 100 it is:	Rounded to the nearest 10 it is:

- 3 The number line shows two multiples of 1,000.



- a) Write a number that rounds down to 39,000 to the nearest 1,000.

- b) Write a number that rounds up to 40,000 to the nearest 1,000.

- 4 Complete the number sentences.

a) 45,275 rounded to the nearest 100 is .

b) 89,407 rounded to the nearest 10,000 is .

c) 20,009 rounded to the nearest 10 is .

- 5 Complete the four sentences below.

a) 16, 39 rounded to the nearest 10,000 is 17,000.

b) 45,3 8 rounded to the nearest 100 is 45,300.

c) 2 ,501 rounded to the nearest 1,000 is 29,000.

d) 53,9 rounded to the nearest 10 is 53,950, but rounded to the nearest 100 is 54,000.

- 6 Circle all of the amounts that round to £19,500 to the nearest £100.

£19,450

£19,549

£19,550

£18,999

£19,488



7 Sara thinks of a 5-digit number.

- Her number rounds up to the next 10,000.
- It rounds down to the nearest 1,000.
- It rounds down to the nearest 100.
- It rounds up to the nearest 10.

Write down three 5-digit numbers that Sara could be thinking about.

Write down three 5-digit numbers that Sara could **not** be thinking about.

Reflect

Complete the four statements below.

When rounding to the nearest 1,000, check the _____ digit.

When rounding to the nearest , check the 1,000s digit.

When rounding to the nearest , check the 1s digit.

When rounding to the nearest 100, check the _____ digit.

Now explain how you would round 87,500 to the nearest 1,000.

● _____

● _____

● _____

● _____