

Rounding to the nearest 10, 100 and 1,000

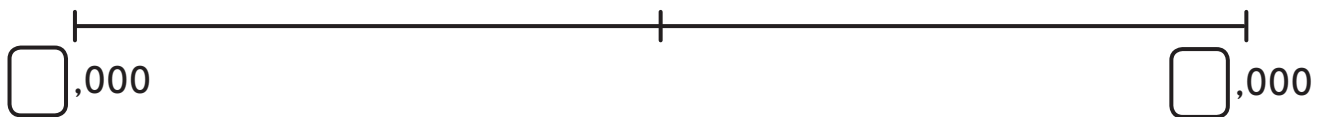
1 a) What number is represented on the place value grid?

Th	H	T	O

The number is .

b) Round the number to the nearest 1,000.

is between ,000 and ,000.



It is closer to ,000.

The number rounds to to the nearest 1,000.

c) Round the same number to the nearest 10.

d) Round the same number to the nearest 100.

2 Circle all of the numbers that round to 2,900 to the nearest 100.

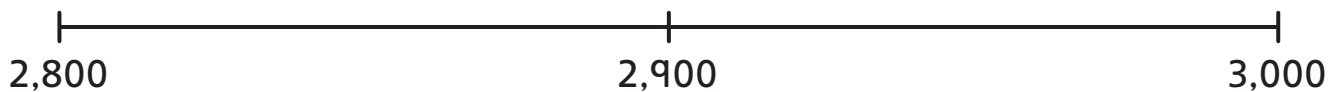
2,850

2,849

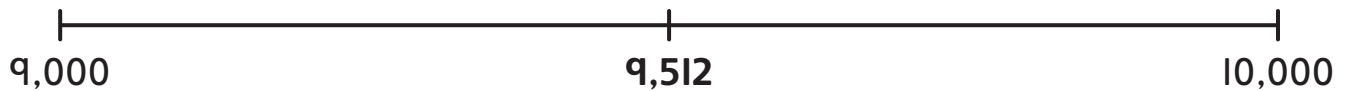
2,951

2,909

2,949



- 3 The number line shows the multiples of 1,000 that 9,512 lies between.



- a) 9,512 rounds to to the nearest 1,000.
- b) On the number line, mark four numbers that lie between 9,000 and 10,000 and also round to 9,000 to the nearest 1,000.

- 4 The table below shows the money raised for two charities.

Complete the table.

	Amount raised	Rounded to the nearest £10	Rounded to the nearest £100	Rounded to the nearest £1,000
Charity A	£4,704			£5,000
Charity B	£5,345		£5,300	

- 5 Complete the following sentences. Some will have more than one possible answer.

- a) 7, 25 rounded to the nearest 1,000 is 8,000.
- b) 6,1 0 rounded to the nearest 100 is 6,100.
- c) 94 rounded to the nearest 10 is 950.
- d) ,501 rounded to the nearest 1,000 is 7,000.
- e) I must look at the 100s digit to round to the nearest .
- f) I must look at the 1s digit to round to the nearest .



- 6 Draw two more counters on this place value grid so that the number rounds to 6,000 to the nearest 1,000 **and** 5,600 to the nearest 100.

Th	H	T	O

- 7 A number rounds to 2,700 to the nearest 100.

When 10 is subtracted from the number, it rounds to 2,600.

What could the number be? Give at least **two** examples.

What could the number **not** be? Give at least **two** examples.

CHALLENGE

Reflect

What is the same about rounding to the nearest 10, 100 or 1,000? What is different about rounding to the nearest 10, 100 or 1,000?

Explain your answers.

- _____
- _____
- _____
- _____