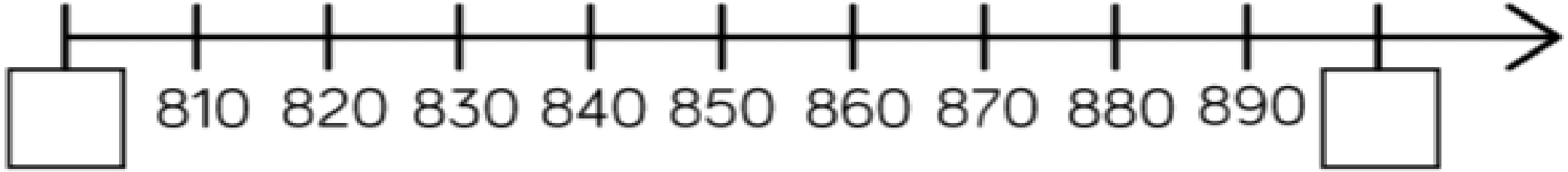
Section 1:

a. Which multiples of 100 do the numbers sit between?

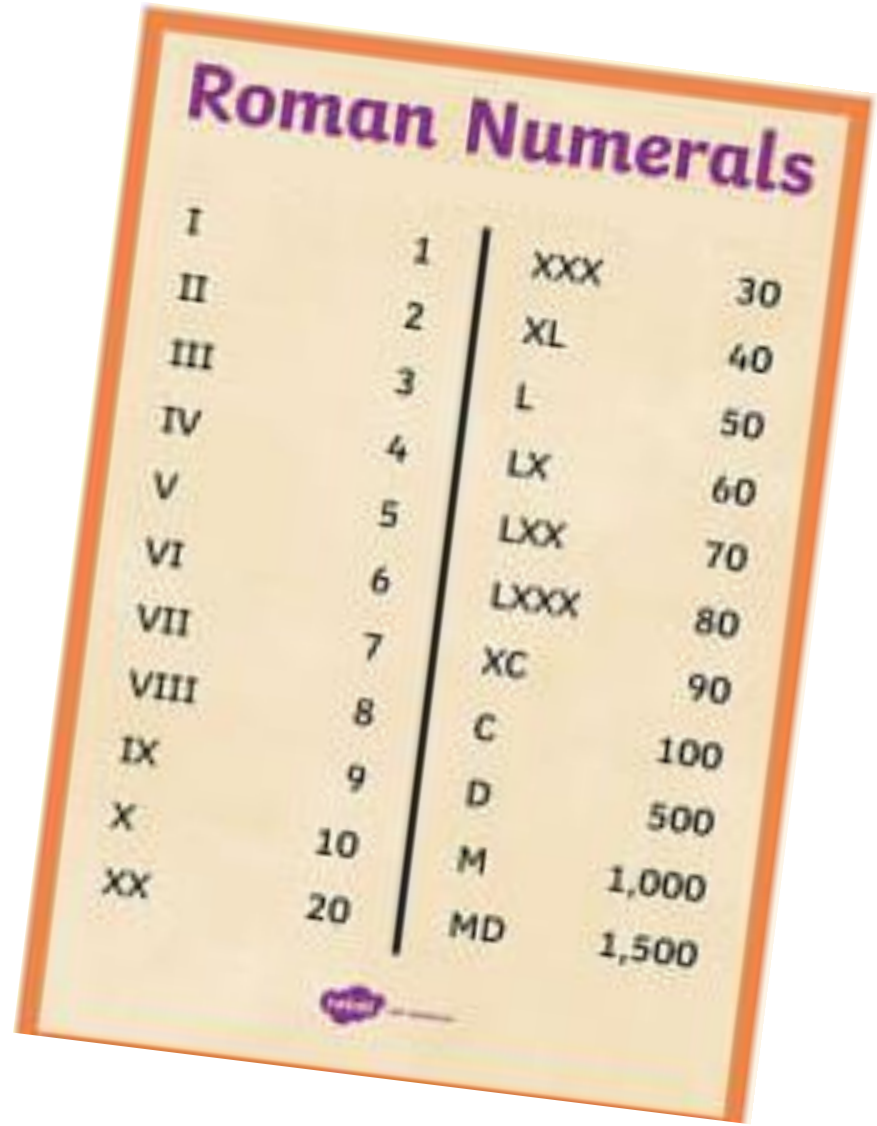


b.

Round 535, 556 and 568 to the nearest 100

C. Complete the table:

Start number	Rounded to the nearest 100
400 50 7	
994	
XLV	

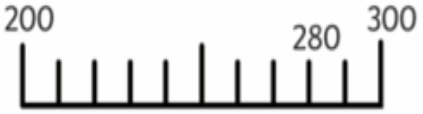


Section 2

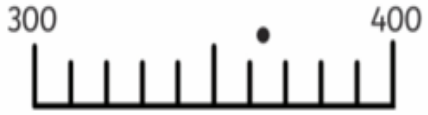
Rounding to the Nearest 100

Can you round these 3-digit numbers to the nearest 100? Use the number lines to help you.

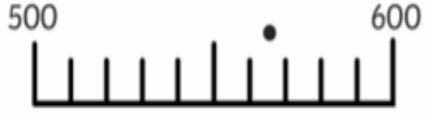
Example



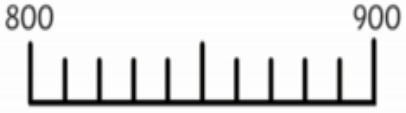
280 to the nearest 100 = 300

1. 

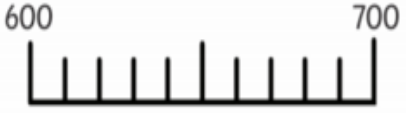
362 to the nearest 100 = _____

2 

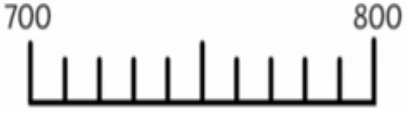
565 to the nearest 100 = _____

3. 

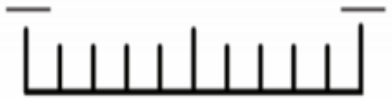
849 to the nearest 100 = _____

4. 

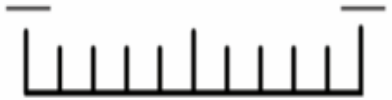
623 to the nearest 100 = _____

5. 

715 to the nearest 100 = _____

6. 

890 to the nearest 100 = _____

7. 

321 to the nearest 100 = _____

8.

245 to the nearest 100 = _____

9.

550 to the nearest 100 = _____

10.

376 to the nearest 100 = _____

Section 3

1. The local newspaper, The Advertiser, sold 7372 copies.

   Round this to the nearest 100 ☐

2. 43 678 fans bought tickets for the Six Nations rugby match at Murrayfield Stadium.

   Round this to the nearest 100 ☐

3. 4693 blue cars drove over the Erskine Bridge during a recent traffic survey. 7564 red cars were also counted.

   Round the number of blue cars to the nearest 100 ☐

   Round the number of red cars to the nearest 100 ☐

   Round the number of blue and red cars to the nearest 100 ☐

CHALLENGE

Today's challenge focusses on reasoning. Please don't write 1 word answers! Show your thinking! How did you get to our answer, include the word BECAUSE! Think it through before you write it down so that you don't wander off the point in your answer. Aim to use good mathematical language i.e. avoid words like stuff, thing and thingymabob!!

When a whole number is rounded to the nearest 100, the answer is 200

When the same number is rounded to the nearest 10, the answer is 250

What could the number be?

Is there more than one possibility?

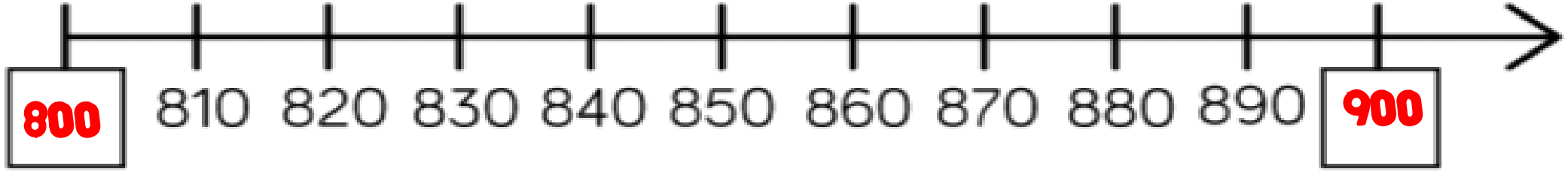
Always, Sometimes, Never

Explain your reasons for each statement.

- A number with a five in the tens column rounds up to the nearest hundred.
- A number with a five in the ones column rounds up to the nearest hundred.
- A number with a five in the hundreds column rounds up to the nearest hundred.

Section 1:

a. Which multiples of 100 do the numbers sit between?



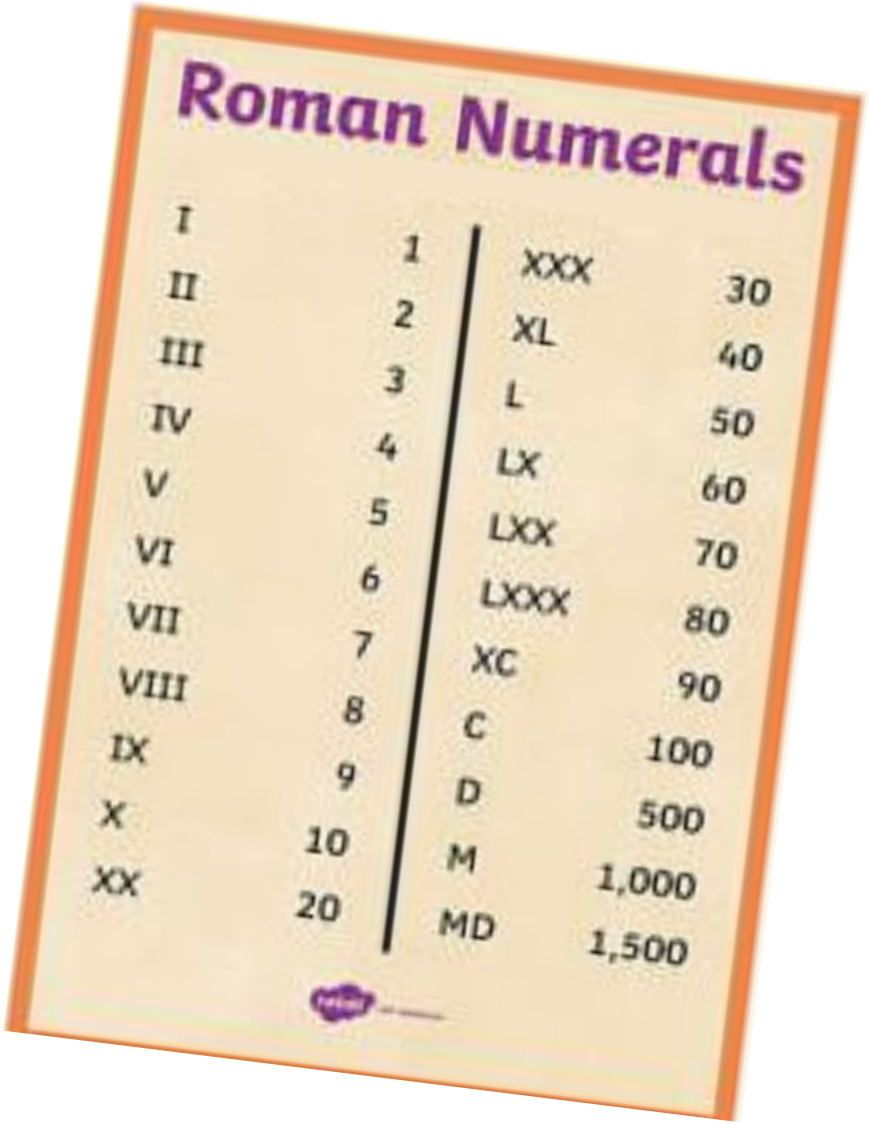
b.

Round 535, 556 and 568 to the nearest 100

535 rounds down to 500 and 556 and 568 will round up to 600.

C. Complete the table:

Start number	Rounded to the nearest 100
400 50 7	500
994	1000
XLV	0



Section 2

1. 362 to the nearest 100 = 400
2. 565 to the nearest 100 = 600
3. 849 to the nearest 100 = 800
4. 623 to the nearest 100 = 600
5. 715 to the nearest 100 = 700
6. 890 to the nearest 100 = 900
7. 321 to the nearest 100 = 300
8. 245 to the nearest 100 = 200
9. 550 to the nearest 100 = 600
10. 376 to the nearest 100 = 400

Section 3

1. The local newspaper, The Advertiser, sold 7372 copies.

   Round this to the nearest 100 **7400**

2. 43 678 fans bought tickets for the Six Nations rugby match at Murrayfield Stadium.

   Round this to the nearest 100 **43 700**

3. 4693 blue cars drove over the Erskine Bridge during a recent traffic survey. 7564 red cars were also counted.

   Round the number of blue cars to the nearest 100 **4700**

   Round the number of red cars to the nearest 100 **7600**

   Round the number of blue and red cars to the nearest 100 **12 300**

1. The local newspaper, The Advertiser, sold 7372 copies.

   Round this to the nearest 100 **7400**

2. 43 678 fans bought tickets for the Six Nations rugby match at Murrayfield Stadium.

   Round this to the nearest 100 **43 700**

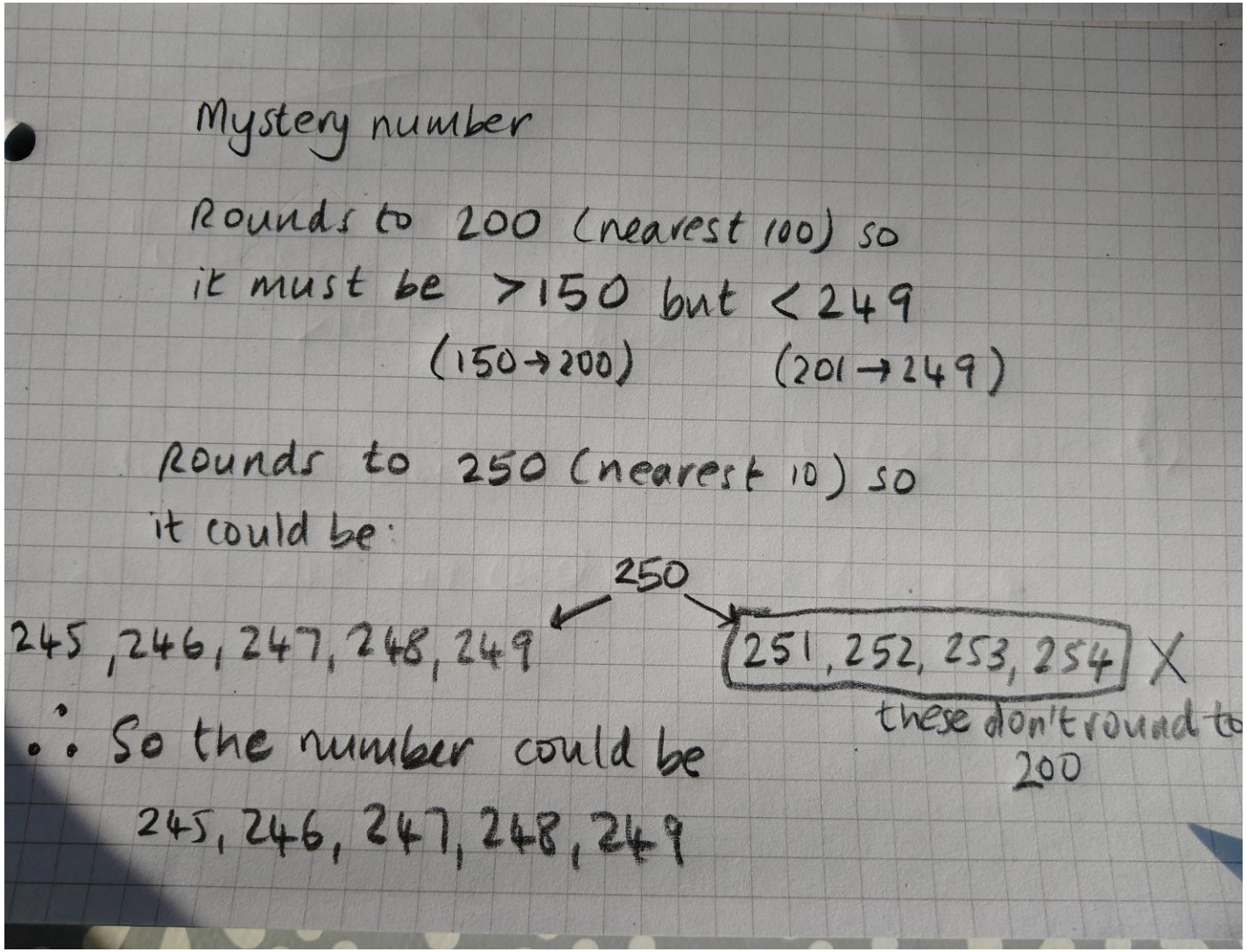
3. 4693 blue cars drove over the Erskine Bridge during a recent traffic survey. 7564 red cars were also counted.

   Round the number of blue cars to the nearest 100 **4700**

   Round the number of red cars to the nearest 100 **7600**

   Round the number of blue and red cars to the nearest 100 **12 300**

CHALLENGE



1 Always – a number with five in the tens column will be 50 or above so will always round up.

2 Sometimes – a number with five in the ones column might have 0 to 4 in the tens column (do not round up) or 5 to 9 (round up).

3 Sometimes – a number with five in the hundreds column will also round up or down dependent on the number in the tens column.