

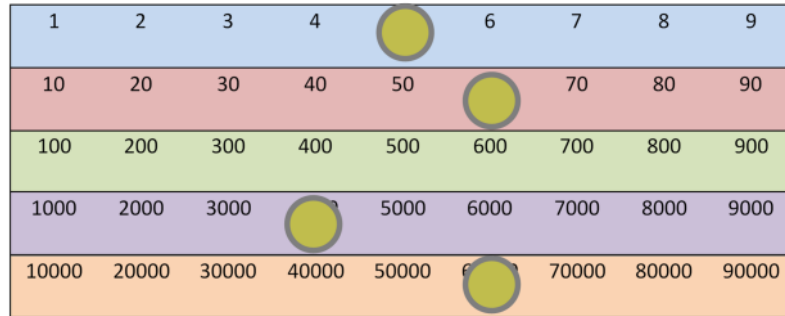
White

**Rose
Maths**

Year 5 - Autumn - Block 2

Addition and Subtraction

Amir is discovering numbers on a Gattegno chart. He makes this number.

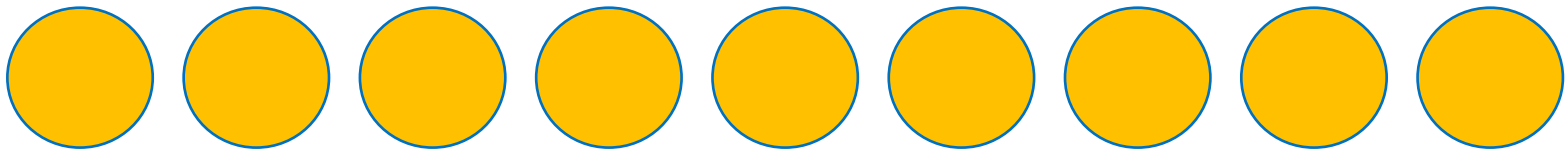


Amir moves one counter three spaces on a horizontal line to create a new number.

When he adds this to his original number he gets
131,130

Which counter did he move?

10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000
1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000
100	200	300	400	500	600	700	800	900
10	20	30	40	50	60	70	80	90
1	2	3	4	5	6	7	8	9



Work out the missing numbers.

	?	4	?	3	?
+	2	?	5	?	2
	7	8	5	2	9

Eva makes a 5-digit number.

Mo makes a 4-digit number.

The difference between their numbers is 3,465

What could their numbers be?

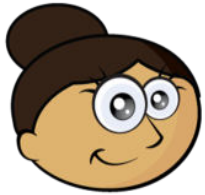
Rosie completes this subtraction incorrectly.

$$\begin{array}{r}
 28701 \\
 - 7621 \\
 \hline
 21180
 \end{array}$$

Explain the mistake to Rosie and correct it for her.

True or False?

$$49,999 - 19,999 = 50,000 - 20,000$$



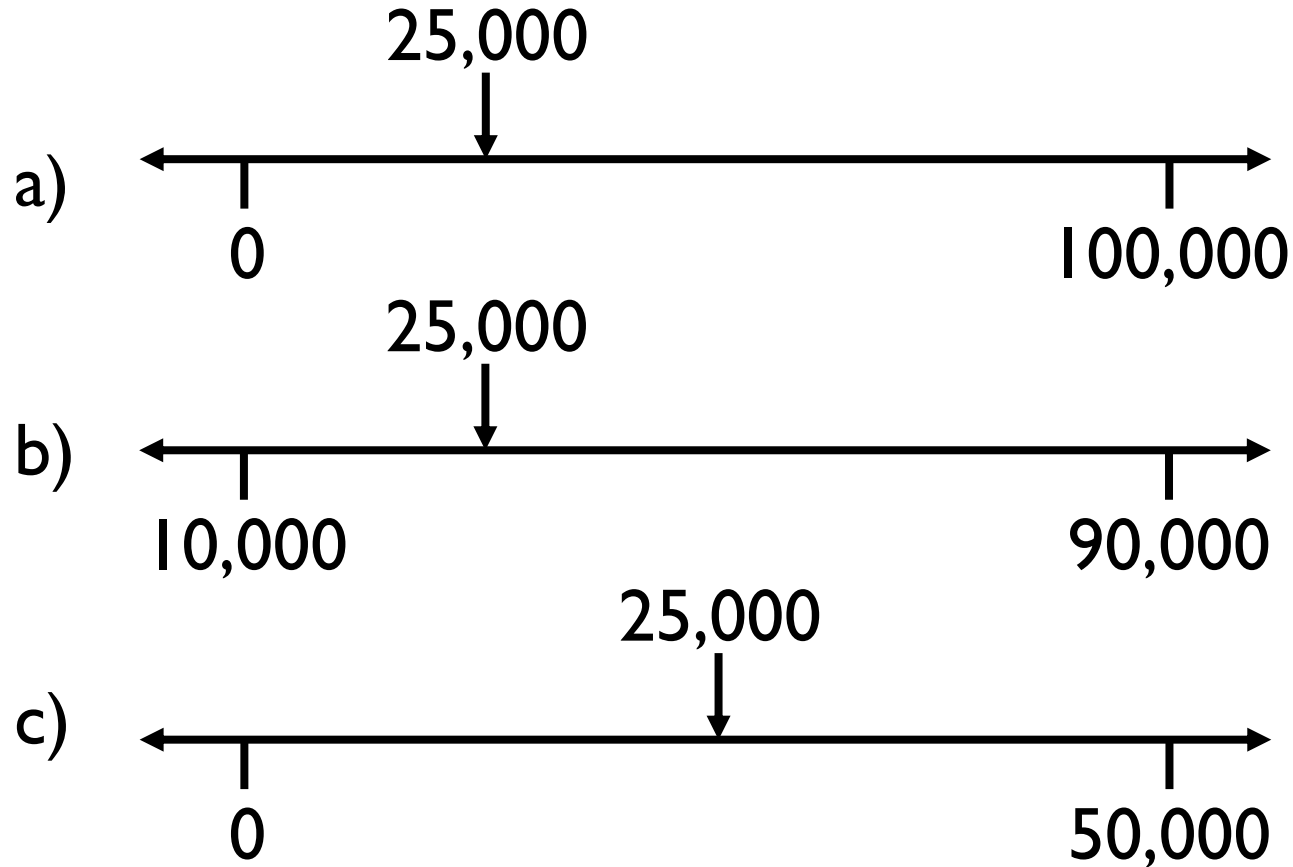
Dora

I did not need to use a written method to work this out.

Can you explain why Dora's method work?

Can you think of another example where this method could be used?

Which estimate is inaccurate?



Explain how you know.