

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

1	2	3	4	5	6	7	8	9
10	20	30	40	50	60	70	80	90
100	200	300	400	500	600	700	800	900
1000	2000	3000	4000	5000	6000	7000	8000	9000
10000	20000	30000	40000	50000	60000	70000	80000	90000

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?

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.

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

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?