

$$\begin{array}{r} 672 \\ - 56 \\ \hline 16 \end{array}$$

$$\begin{array}{r} 38 \\ + 93 \\ \hline 131 \\ \hline 1 \end{array}$$

Thursday
18.6.20

I can add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Starter:

Varied Fluency 2

True or false?

	2	3	3	1	6
		4	0	8	4
+	5	1	2	2	5
	7	8 ₁	6 ₁	2	5

Why?

TASK A

Missing Numbers

Calculate the missing number using formal methods.

$$\begin{array}{r} _57 \\ + 28_ \\ \hline 7_3 \\ \hline \end{array}$$

$$\begin{array}{r} 7_3 \\ - _85 \\ \hline 45_ \\ \hline \end{array}$$

$$\begin{array}{r} 6_ \\ - _74 \\ \hline 297 \\ \hline \end{array}$$

TASK B

Using Formal Methods

Calculate the missing number using formal methods.

$$4056 + \underline{\hspace{2cm}} = 8999$$

$$2175 = \underline{\hspace{2cm}} - 3881$$

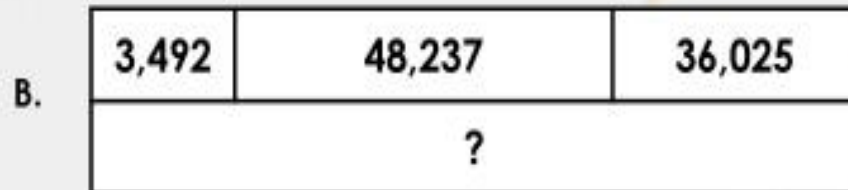
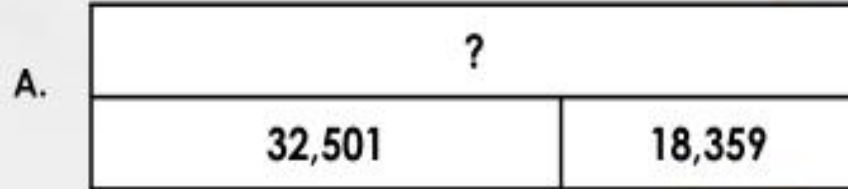
$$7217 - \underline{\hspace{2cm}} = 2276$$

$$6802 = \underline{\hspace{2cm}} - 4597$$

Make up a missing sum of your own.

TASK C

Complete the bar models below.



Taylor and Max are comparing their income.

	Earnings	Bonus
Taylor	£25,420	£4,391
Max	£29,102	£2,309



Taylor

I earned the most as I nearly reached £30,000.



Max

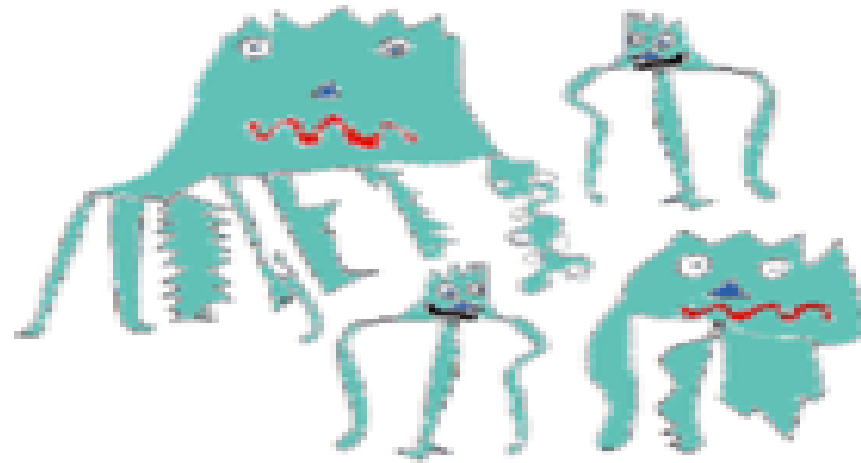
I earned more than you as my total is £31,411.

Who is correct? Explain why.

CHALLENGE: (Optional) Can you play this game?

Zios and Zepts

On the planet Vuv there are two sorts of creatures. The Zios have 3 legs and the Zepts have 7 legs.



The great planetary explorer Nico, who first discovered the planet, saw a crowd of Zios and Zepts. He managed to see that there was more than one of each kind of creature before they saw him. Suddenly they all rolled over onto their backs and put their legs in the air.

He counted 52 legs. How many Zios and how many Zepts were there? Do you think there are any different answers?