Starter

https://www.mathplayground.com/puzzle_pics_fractions.html

<u>WALT</u>

<small>WALT</small> **add two 3 digit number with exchange**

S2S
I can

set my calculations out in columns

Add each digit

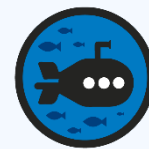Exchange when the problem bridges 10 or 100
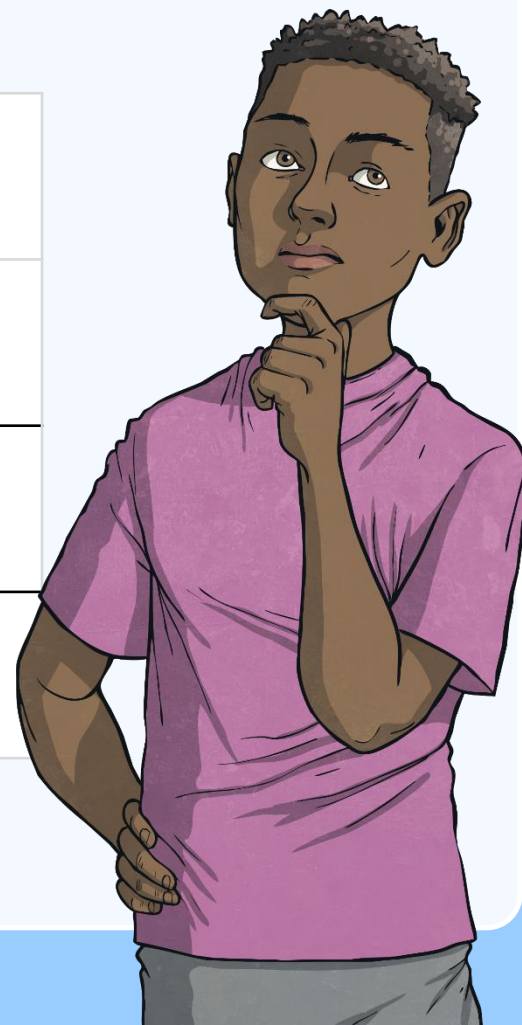
In focus

Finn calculates 504 + 233:

$$
\begin{array}{r}
504 \\
+233 \\
\hline
7834 \\
\end{array}
$$
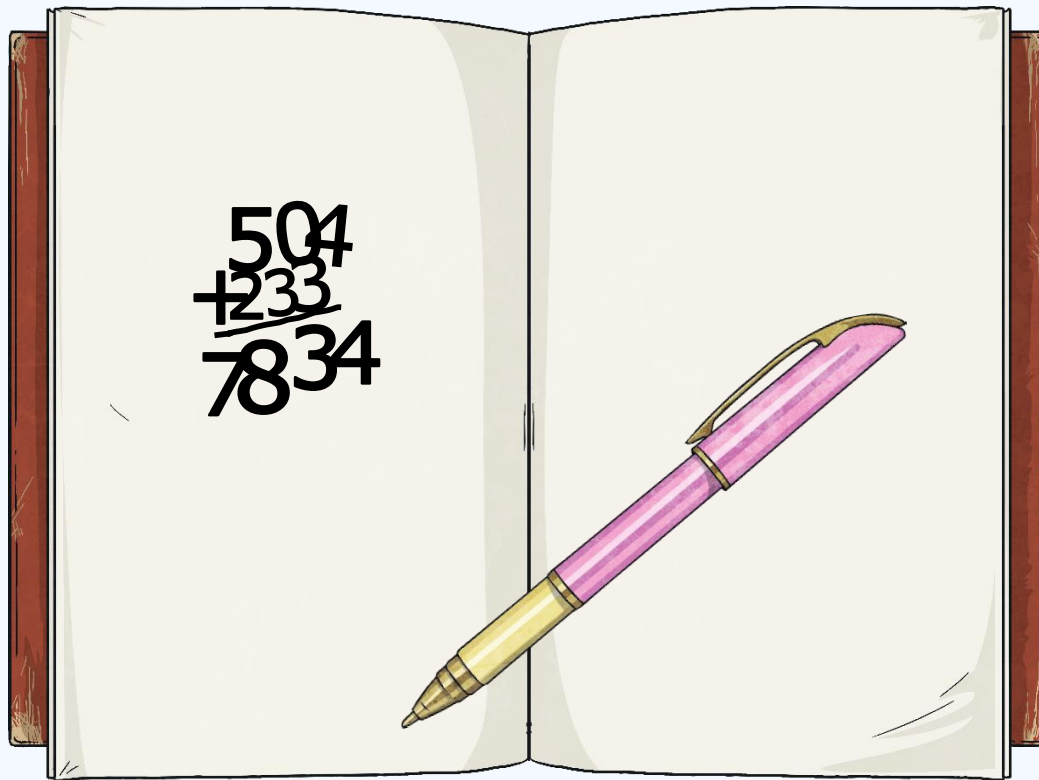
He is incorrect. Discuss with a partner what mistake you think he has made.

Fill in the missing digits in this column addition calculation.

	4	1	4
+	1	5	3
	5	6	7

Sasha writes down the number 734.
She has the digit cards 2, 6 and 1.

734

2

6

1
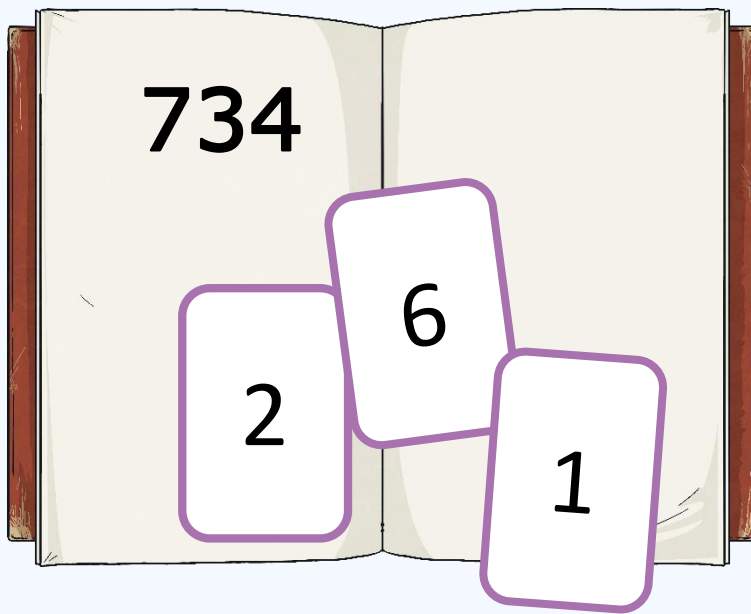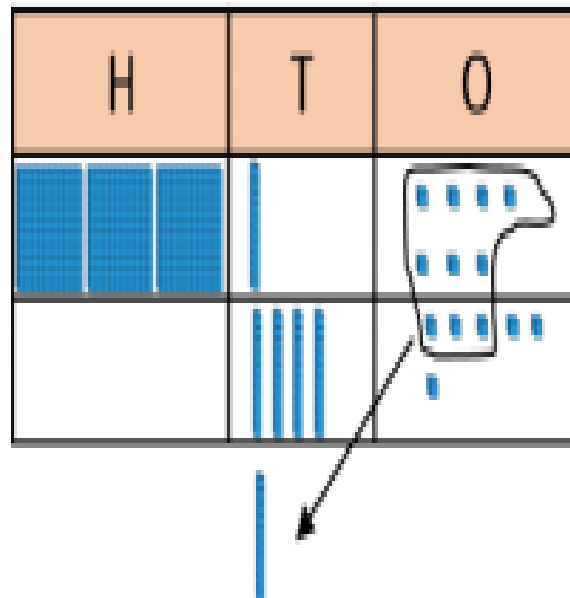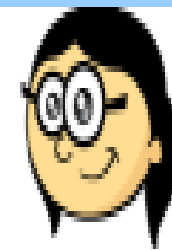
She uses her digit cards to make a 3-digit number. When she adds that number to 734, she gets 896.

What number did she make with her digit cards?

162

Annie uses Base 10 to calculate 317 + 46

H	T	O

$$
\begin{array}{r}
317 \\
+46 \\
\hline
363 \\
1
\end{array}
$$

Use Annie's method to calculate:

327 + 46   537 + 36   538 + 32   267 + 24

Dexter uses place value counters to calculate 163 + 52

H	T	O
100	10 10 10 10 10 10	1 1 1
	10 10 10 10 10	1 1

100

$$
\begin{array}{r}
1\ 6\ 3 \\
+\quad 5\ 2 \\
\hline
2\ 1\ 5 \\
\end{array}
$$
1

Use Dexter's method to calculate:

372 + 64   537 + 82   537 + 72   248 + 70

Complete the models using column addition.

On whiteboards or paper

Guided Practice

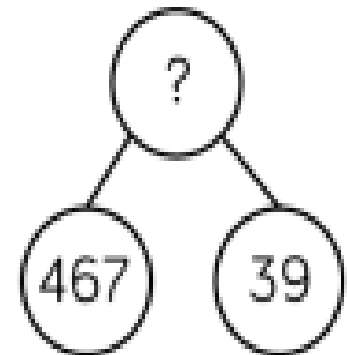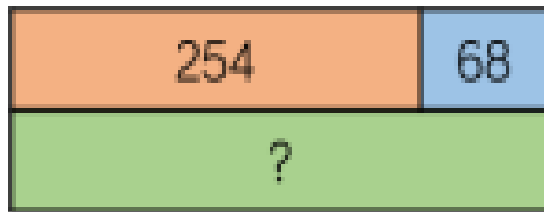| 1						2						3					
		1	6	3	+			3	4	5	+			4	4	5	+
		2	4	5				3	7	2				1	6	4	