

Starter

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

FRACTIONS ARE EVERYWHERE! EXPLORE NUMBER LINES, CIRCLES, AND RECTANGLES.

The screenshot shows the 'FRACTIONS ARE EVERYWHERE!' game interface. It features a 3x3 grid of number lines. Each number line has a red dot placed at a specific fraction. The fractions are: Row 1: 1/4, 1/2, 3/4; Row 2: 1/2, 3/4, 1; Row 3: 3/4, 1/2, 1/4. Below the grid, there is a large fraction $\frac{3}{8}$ and the instruction 'Drag the piece to the correct number line'. To the right of the grid is a vertical sidebar with a 'Give your Brain a Workout' button, a question mark icon, a right arrow icon, and a pause icon. At the bottom right, there is a small image of an elephant.

WALT

WALT add two 3 digit number with

exchange

S2S

I can

set my calculations out in columns

Add each digit

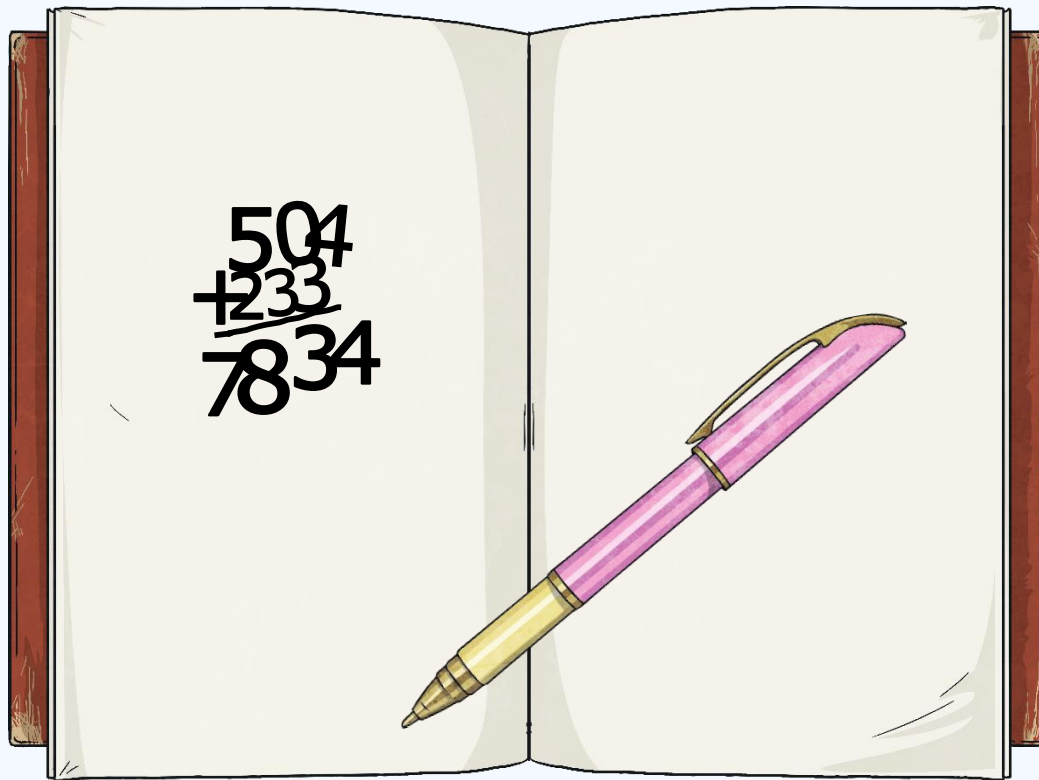
Exchange when the problem bridges 10 or 100



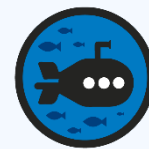


In focus

Finn calculates $504 + 233$:

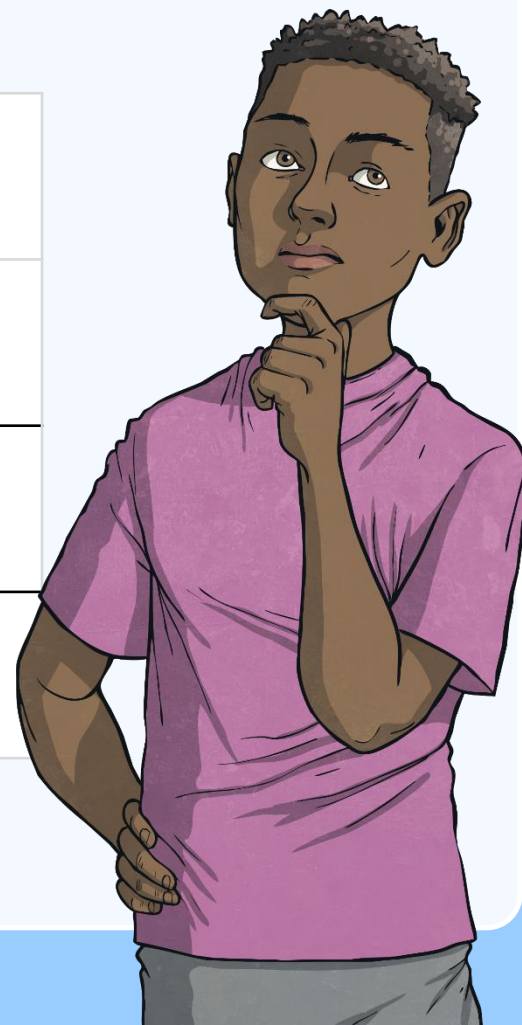


He is incorrect.
Discuss with a
partner what
mistake you think he
has made.



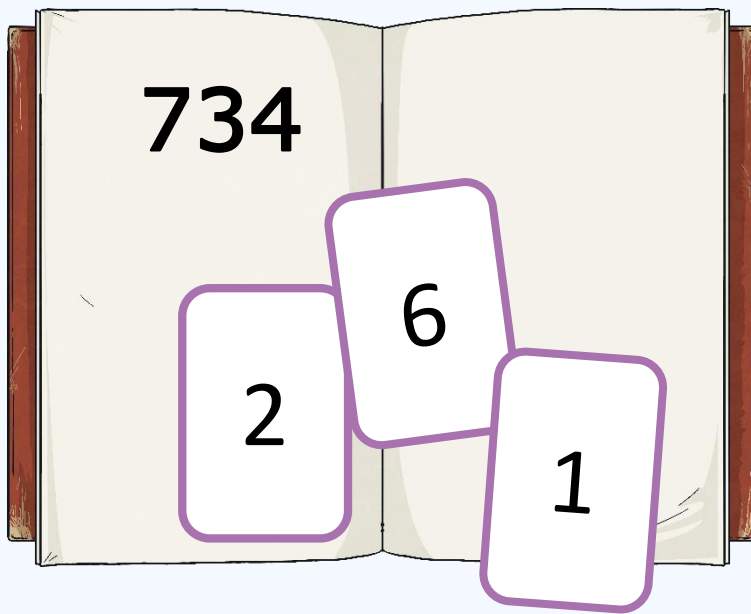
Fill in the missing digits in this column addition calculation.

	4	1	4
+	1	5	3
	5	6	7





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

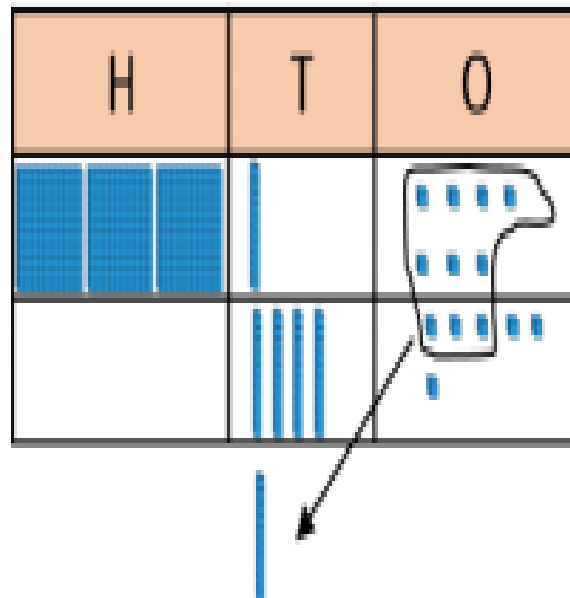
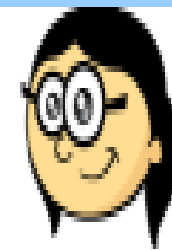


She uses her digit cards to make a 3-digit number. When she adds that number to 734, she gets 896.

What number did she make with her digit cards?

162

Annie uses Base 10 to calculate $317 + 46$



	3	1	7
+		4	6
	3	6	3

1

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
	     	  
	    	 

	1	6	3
+		5	2
	2	1	5

1

Use Dexter's method to calculate:

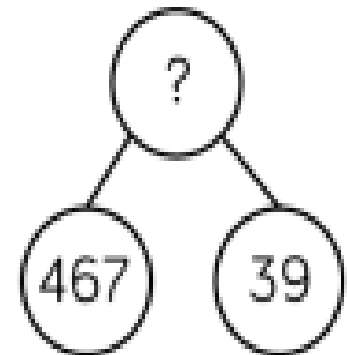
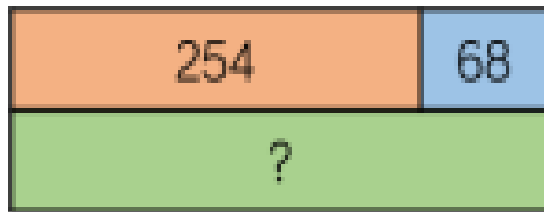
$$372 + 64$$

$$537 + 82$$

$$537 + 72$$

$$248 + 70$$

Complete the models using column addition.



On whiteboards or
paper

Guided Practice

[illegible]