

Add up to two 4-digit numbers – no exchange

1 Calculate $314 + 522$

Use the place value chart to help you.

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

$314 + 522 =$

2 a) Calculate $3,214 + 5,122$

Use the place value chart to help you.

Th	H	T	O
1,000 1,000 1,000	100 100	10	1 1 1 1
1,000 1,000 1,000 1,000 1,000	100	10 10	1 1

$3,214 + 5,122 =$

b) Now calculate $3,214 + 122$ in the same way.

$3,214 + 122 =$

What do you notice about your answers to part a) and part b)?

3 Complete the calculations.

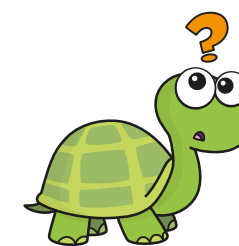
a) $4,122 + 2,605 =$

b) $3,709 + 4,160 =$

c) $247 + 1,032 =$

d) $3,007 + 560 =$

4 Tiny is working out $5,702 + 125$



	Th	H	T	O
	5	7	0	2
+	1	2	5	
	6	9	5	2

a) Do you agree with Tiny? _____

Explain your answer.

b) Complete the calculation.

$5,702 + 125 =$

5 The distance from Scotland to France is 1,550 km.
The distance from France to Spain is 1,002 km.
Teddy is travelling from Scotland to France and then
France to Spain.

How far will he travel in total?

A 10x5 grid of squares. A black rectangle is drawn on the right side, spanning 4 squares in width and 2 squares in height. The rectangle is positioned such that its left edge is on the 7th vertical line from the left, its right edge is on the 11th vertical line, its top edge is on the 4th horizontal line from the bottom, and its bottom edge is on the 6th horizontal line.

6 Whitney and Jack are playing a game.
Whitney has 1,323 points.
Jack has 230 points more than Whitney.
How many points do they have altogether?

A 10x5 grid of squares. A black rectangle is drawn in the bottom right corner, spanning 4 squares horizontally and 2 squares vertically. The rectangle is located in the bottom-right quadrant of the grid, specifically covering the last 4 columns and the last 2 rows.

7 Fill in the missing digits.

a)

		Th	H	T	O
		3		2	
	+		4		6
		8	7	9	6

b)		Th	H	T	O
				0	
	+	5	0		7
		8	9	0	8

8 The mass of a box of fruit is 1,241 g.

Another three pieces of fruit are placed in the box.

Each piece of fruit has a mass of 102 g.

What is the mass of the box of fruit now?

A 5x15 grid of squares. A black rectangle is drawn in the bottom right corner, spanning 4 squares horizontally and 1 square vertically, starting from the 11th column and 4th row to the 15th column and 5th row.

9 a) Complete the calculations.

$2,415 + 5,142 = \boxed{}$

$3,051 + 1,503 = \boxed{}$

A blank grid consisting of 5 rows and 6 columns of squares, totaling 30 squares. The grid is used for drawing a net of a cube.A blank 5x6 grid of squares, consisting of 5 rows and 6 columns, with a total of 30 squares. The grid is composed of thin blue lines on a white background.

b) What do you notice about the numbers in each question?
How does this affect the answers?

c) Think of some more calculations like this.
Try them out with a partner.