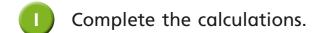


## Add two 4-digit numbers – one exchange



Use the place value charts to help you.

Th	Н	Т	0
1,000	100	10	
1,000	100 100 100 100	10 10	1 1

**b)** 3,117 + 2,544 =

	Th	Н	Т	0
	1,000	100	10	
<b> </b>	1,000	100 100	10 10 10	1 1

c)	What do	you	notice	about	the	calculations	in	part	a)	and
	part b)?									

Which did you find easier and why?

**d)** What happens when you have more than 10 counters in one column?

2 Complete the calculations.

3 Complete the calculations.

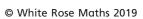
a)

	Th	Н	Т	0	
	5	1	6	3	
+	2	4	5	1	

b)

	Th	Н	Т	0	
	7	2	6	1	
+	1	0	2	9	





c)

<i>د</i> ر						
		Th	Н	Т	0	
			7	0	3	
	+	2	5	8	0	

d)

<u>,</u>						
		Th	Н	Т	0	
		3	5	0	8	
	+	2	7	3	1	

Four children have calculated 4,635 + 183

Rosie's method

	Th	Н	Т	0	
	4	6	3	5	
+		1	8	3	
	4	7	11	8	

	Th	Н	Τ	0	
	4	6	3	5	
+		1	8	3	
	4	7	1	8	

$$4,635 + 183 = 47,118$$

$$4,635 + 183 = 4,718$$

## Alex's method

	Th	Н	Т	0	
	4	6	3	5	
+		1	8	3	
	4	8	1	8	
		1			

	Th	Н	T	0	
	4	6	3	5	
+	1	8	3		
	6	4	6	5	
	1				

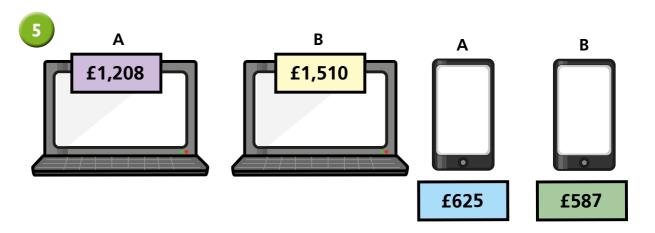
$$4,635 + 183 = 4,818$$

$$4,635 + 183 = 6,465$$

Whose method is correct? \_\_\_\_\_

Talk about the mistakes the other children have made.

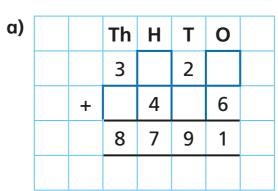




Mr Robson has £2,100 to spend on a mobile phone and a laptop.

Which combinations of laptops and phones can he afford to buy?

6 Fill in the missing digits.



b)		Th	Н	Т	0	
	+	3	8	2	1	
		8	7	9	1	

