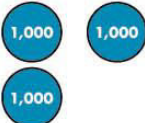


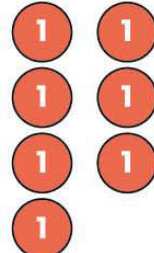





# Add two 4-digit numbers – one exchange

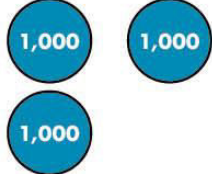


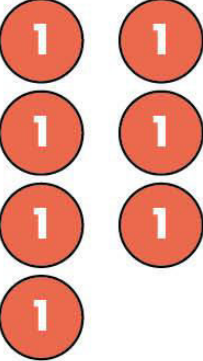
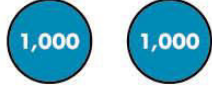

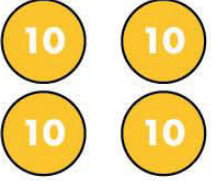
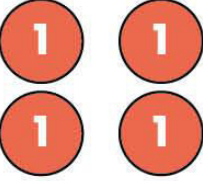
I Complete the calculations.

Use the place value charts to help you.

a)  $3,117 + 2,542 =$

Th	H	T	O
			
+			

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

Th	H	T	O
			
			

+



- I** 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?

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2

Complete the calculations.

a)  $4,365 + 2,617 =$

b)  $1,907 + 5,068 =$

c)  $6,792 + 163 =$

d)  $3,247 + 1,930 =$

3 Complete the calculations.

a)

		Th	H	T	O		
		5	1	6	3		
	+	2	4	5	1		
		<hr/>					
		<hr/>					

b)

		Th	H	T	O		
		7	2	6	1		
	+	1	0	2	9		
		<hr/>					
		<hr/>					

3

c)

		Th	H	T	O		
			7	0	3		
	+	2	5	8	0		
		<hr/>					
		<hr/>					

d)

		Th	H	T	O		
		3	5	0	8		
	+	2	7	3	1		
		<hr/>					
		<hr/>					

4

Four children have calculated  $4,635 + 183$

**Rosie's method**

		Th	H	T	O		
		4	6	3	5		
	+		1	8	3		
		4	7	11	8		

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

**Jack's method**

		Th	H	T	O		
		4	6	3	5		
	+		1	8	3		
		4	7	1	8		

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

4

### Alex's method

		Th	H	T	O		
		4	6	3	5		
	+		1	8	3		
		4	8	1	8		
			1				

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

### Teddy's method

		Th	H	T	O		
		4	6	3	5		
	+	1	8	3			
		6	4	6	5		
		1					

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

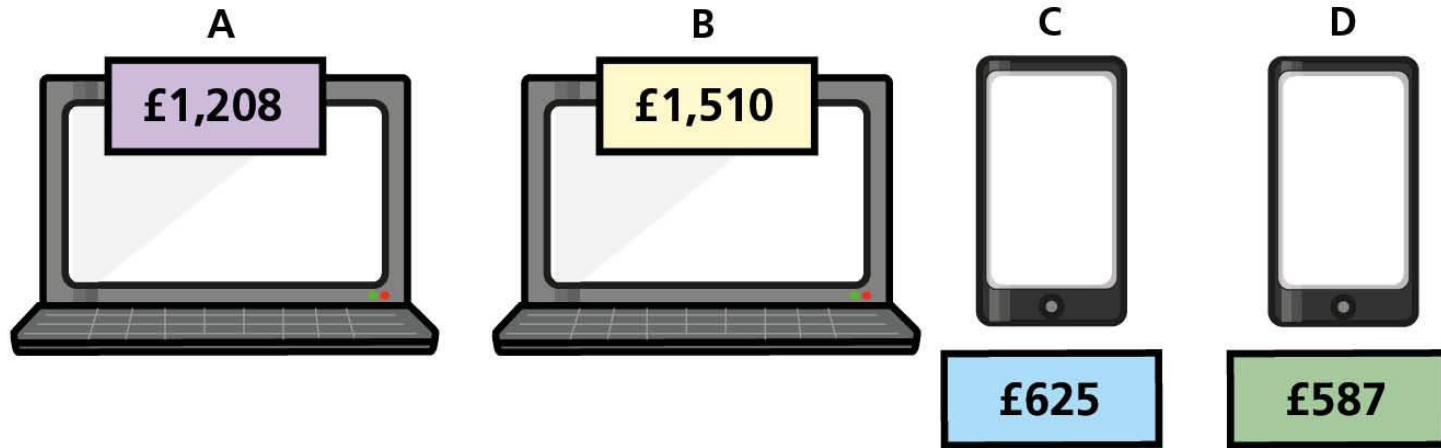
Whose method is correct? \_\_\_\_\_

Talk about the mistakes the other children have made.





5



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

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

---

6 Fill in the missing digits.

a)

		Th	H	T	O	
		3		2		
	+		4		6	
		8	7	9	1	

b)

		Th	H	T	O	
	+	3	8	2	1	
		8	7	9	1	