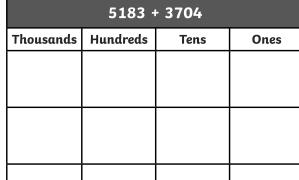
1) Use the place value grids to solve the calculations involving 4-digit numbers. Draw counters in each box to help you, as shown in question a).



a)	2346 + 1213					
	Thousands	Hundreds	Tens	Ones		
	0	000		000		
	0	0	0	000		

d)

b)



5183 + 3704 =

c)	1003 + 7263					
	Thousands	Hundreds	Tens	Ones		

419 + 2570						
Thousands Hundreds Tens Ones						

419 + 2570 =

2) Match the calculations to their answers.

3406 + 211 =

5299

2033 + 3265 =

5298

4157 + 1142 =

3657

546 + 3111 =

3617

1) Polly and Graham are working on a calculation together. They both get different answers. Are either of them correct? Explain your reasoning.



6216 + 3672					
Thousands Hundreds Tens Ones					
000	00	0	000		
000	000	000	00		



Polly

I think the answer is 8888.

Graham

I think the answer is 9898.



2) Malak works on this calculation with missing numbers. Has she found the missing digits correctly? Explain your reasoning.



The missing ones digit is 4, the missing hundreds digit is 6 and the missing thousands digit is 7.

	5	1	8	
+	2		1	0
		7	9	4

3) Ola has set her calculation out on the place value chart below. Can you check her work and give her some top tips to explain how she could improve?

Thousands	Hundreds	Tens	Ones
000	0	0	
0	0	00	00
9	3	9	4

