Y4 – Autumn – Block 2 – Step 3 – Add two 4-digit numbers – one exchange Answers

Question	Answer
1	a) 5,659 b) 5,661 c) In part b), 10 ones needed to be exchanged for 1 ten. Part a) was easier because there were no exchanges. d) 10 counters in one column need to be exchanged for 1 counter in the next column to the left.
2	a) 6,982 b) 6,975 c) 6,955 d) 5,177
3	a) b) c) d)
4	Alex Rosie has written the total of 3 + 8 in the tens column, instead of carrying 1 hundred to the hundreds column. Jack has not written down the '1' under the hundreds column. Teddy has not lined the digits up correctly.
5	A and C, A and D, B and D
6	a) b)

a)

	Th	H	T	O
	5	1	6	3
+	2	4	5	1
	7	**6**	**1**	**4**
		1		

b)

	Th	H	T	O
	7	2	6	1
+	1	0	2	9
	8	**2**	**9**	0
			1	

c)

	Th	H	T	O
		7	0	3
+	2	5	8	0
	3	**2**	**8**	**3**
	1			

d)

	Th	H	T	O
	3	5	0	8
+	2	7	3	1
	6	**2**	**3**	9
	1			

a)

	Th	H	T	O
	3	3	2	5
+	5	4	6	6
	8	7	9	1

b)

	Th	H	T	O
	4	9	7	0
+	3	8	2	1
	8	7	9	1