Activity 3 ANSWERS

Complete the calculation.

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

+

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

Who has got each question correct? Tick your answer.

a) Nijah

		H	T	O
		4	4	5
	+	3	4	8
		78	1	3

Scott ✓

		H	T	O
		4	4	5
	+	3	4	8
		7	9	3
			1	

b) Nijah

		Th	H	T	O
			4	8	2	6
	+		1	7	8
			6	6	0	6
			1	1	

Scott ✓

		Th	H	T	O
			4	8	2	6
	+			1	7	8
			5	0	0	4
			1	1	1	

What mistake has the other person made in each calculation?

In a) Nijah put her exchange straight in to the tens column instead of recording it in to the line. Then she didn't have space to add up the rest of her tens and ended up putting them in the hundreds column instead of adding them to the 1 ten she had exchanged.

In b) she didn't organise her column properly and started writing 178 in the thousands column instead of the hundreds column.

Complete the additions.

a)

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

c) 3,784 + 2,526

	3	7	8	4
+	2	5	2	6
	6	3	1	0

b)

	Th	H	T	O
	6	0	7	5
+		9	4	8
	7	0	2	3

d) 79 + 654 + 1,312

			7	9
		6	5	4
+	1	3	1	2
	2	0	4	5

Write each calculation in the correct column.

712 + 394	1,312 + 2,527	2,350 + 3,760

1,995 + 712	3,044 + 2,372	17 + 953

No exchange needed	1 exchange	More than one exchange
1,312 + 2,527	3,044 + 2,372 17 + 953	712 + 394 2,350 + 3,760 1,995 + 712

Write one more calculation of your own in each column.

Dexter is playing a computer game.

The table shows the number of points he gets in each round.

Round	1	2	3
Number of points	3,550	2,175	1,895

a) How many points does Dexter have at the end of Round 2?
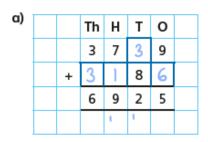
```
  3 5 5 0
+ 2 1 7 5
  5 7 2 5
```

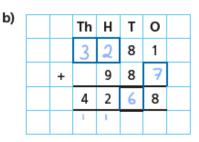5,725

b) He needs 8,000 by the end of Round 3 to win the game.

Does Dexter win the game? __No__

Show your working.

```
  5 7 2 5
+ 1 8 9 5
  7 6 2 0
```

He was 380 points short.

Work out the missing digits.

a)

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

b)

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

c) Find two possible answers.

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

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