L.C Can you add two 4 digit numbers with and without exchanges?

Complete the additions.

a)		Th	Н	Т	O	
		6	0	7	5	
	+		9	4	8	

b)		Th	н	Т	0	
		4	7	1	2	
	+	3	4	9	2	

Write each calculation in the correct column.

$$712 + 394$$

$$17 + 953$$

No exchange needed	One exchange	More than one exchange

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

Show
your
working
out in
your

books.

- a) How many points does Dexter have at the end of Round 2?
- b) He needs 8,000 by the end of Round 3 to win the game. Does Dexter win the game? Show your workings.

Work out the missing digits.

a)

	Th	н	Т	О	
	3	7		9	
+			8		
	6	9	2	5	

b)

		Th	н	Т	o	
				8	1	
	+		9	8		
		4	2		8	

c) Find two possible answers.

	Th	Н	T	0	
	2		1		
+	3		6		
	6	1	8	2	

	Th	Н	Т	О	
	2		1		
+	3		6		
	6	1	8	2	

L.C Can you subtract two 4 digit numbers with and without exchanges?

Complete the calculations.

a)

	Th	Н	Т	0	
	7	3	2	5	
-	2	4	0	6	

c)

	Th	Н	T	O	
	7	1	0	2	
-		3	9	8	

b)

	Th	Н	Т	0
	5	6	3	4
-	2	7	4	5

d)

	Th	Н	T	0	
	5	0	0	0	
-	1	7	3	3	

Use the place value chart to work out the subtractions.

Th	Н	Т	0	
1,300 1,300	100 100	0000		

Look at your calculations in parts a), b) and c).

What is the same? What is different?

Work out the missing digits.

a)

	Th	н	Т	o	
	7			4	
_	1	2	3		
		9	5	8	

b)

	Th	Н	Т	o	
	4	0		3	
-			3	8	
		8	4		

Arrange all the digit cards to make a possible subtraction for each description.

0

1

2

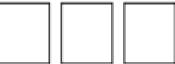
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a) There are two exchanges.

The answer is less than 2,000



b) There are two exchanges.

The answer is greater than 4,000

.

c) There are three exchanges.