

## 17.05.21

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

Complete the additions.

a)

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

b)

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

c)  $3,784 + 2,526$

d)  $79 + 654 + 1,312$

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	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

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.

**Show  
your  
working  
out in  
your  
books.**

Work out the missing digits.

a)

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

b)

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

c) Find two possible answers.

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

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

18.05.21

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

Complete the calculations.

a)

		Th	H	T	O	
		7	3	2	5	
	-	2	4	0	6	

c)

		Th	H	T	O	
		7	1	0	2	
	-		3	9	8	

b)

		Th	H	T	O	
		5	6	3	4	
	-	2	7	4	5	

d)

		Th	H	T	O	
		5	0	0	0	
	-	1	7	3	3	

Use the place value chart to work out the subtractions.

Th	H	T	O
<div>1,000</div> <div>1,000</div> <div>1,000</div> <div>1,000</div>	<div>100</div> <div>100</div> <div>100</div> <div>100</div>	<div>10</div> <div>10</div> <div>10</div>	<div>1</div> <div>1</div> <div>1</div> <div>1</div> <div>1</div>

a)  $5,435 - 2,036$

b)  $5,436 - 2,036$

c)  $5,437 - 2,036$

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

What is the same? What is different?

Work out the missing digits.

a)

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

b)

		Th	H	T	O	
		4	0		3	
	-			3	8	
			8	4		

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

0	1	2	3	4	5	6	7
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a) There are two exchanges.

The answer is

less than 2,000

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b) There are two exchanges. —

The answer is

greater than 4,000

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c) There are three exchanges.