

Subtract two 4-digit numbers – more than one exchange

1 Kim has made a number using base 10

Th	H	T	O

- Subtract 8 from Kim's number.
- Explain the method you used.
- Subtract 20 from Kim's number.
- Subtract 900 from Kim's number.
- Work out the subtractions.

$$1,702 - 28$$

$$1,702 - 928$$

2 Use the place value chart to work out the subtractions.

H	T	O

- $564 - 354$
- $564 - 355$
- $564 - 365$

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

What is the same? What is different?

3 Use the place value chart to work out the subtractions.

Th	H	T	O

- $5,435 - 2,036$
- $5,436 - 2,036$
- $5,437 - 2,036$

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

What is the same? What is different?

4 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

3 Use the place value chart to work out the subtractions.

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

- 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?

4 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



5 A jug contains 1,500 ml of juice. The juice is poured into 2 glasses. Each glass holds 258 ml of juice. How much juice is left in the jug?



6 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	

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



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.

