
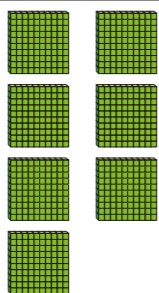



# Subtract two 4-digit numbers – more than one exchange



1 Kim has made a number using base 10

Th	H	T	O
			

a) Subtract 8 from Kim's number.

$$1,694$$

b) Explain the method you used.

Exchange 1 hundred for 10 tens then 1 ten for 10 ones.

c) Subtract 20 from Kim's number.

$$1,682$$

d) Subtract 900 from Kim's number.

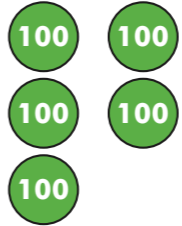
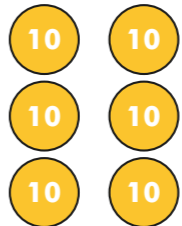
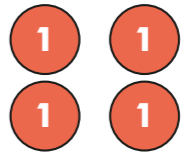
$$802$$

e) Complete the subtractions.

$$1,702 - 28 = 1,674$$

$$1,702 - 928 = 774$$

2 Use the place value chart to complete the subtractions.

H	T	O
		

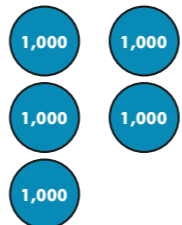

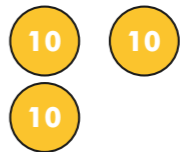
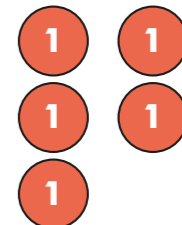
$$a) 564 - 354 = 210$$

$$c) 564 - 365 = 199$$

$$b) 564 - 355 = 209$$

Look at your calculations in parts a), b) and c).  
What is the same? What is different?

3 Use the place value chart to complete the subtractions.

Th	H	T	O
			

$$a) 5,435 - 2,036 = 3,399$$

$$b) 5,436 - 2,036 = 3,400$$

$$c) 5,437 - 2,036 = 3,401$$

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
	4	9	1	9

c)

	Th	H	T	O
	7	1	0	2
-		3	9	8
	6	7	0	4

b)

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

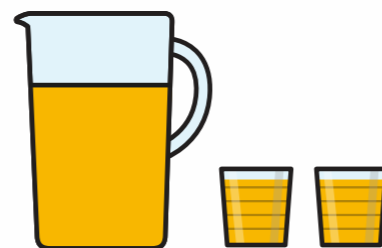
d)

	Th	H	T	O
	5	0	0	0
-	1	7	3	3
	3	2	6	7

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?



984ml

6 Work out the missing digits.

a)

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

b)

	Th	H	T	O
	4	0	8	3
-		2	3	8
	3	8	4	5

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



a) There are 2 exchanges.

The answer is less than 2,000

E.g.

2	3	5	3
-	1	0	6

b) There are 2 exchanges.

The answer is greater than 4,000

E.g.

7	6	4	0
-	2	3	5

c) There are 3 exchanges.

E.g.

7	4	2	0
-	6	5	3

