
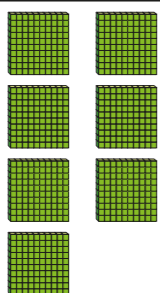



Subtract two 4-digit numbers – more than one exchange



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.


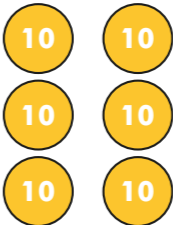
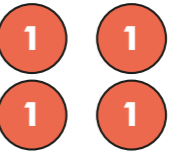
802

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
		

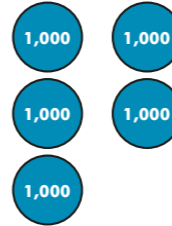
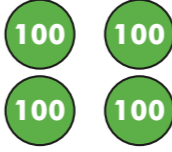
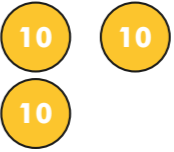
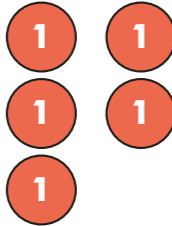
$564 - 354 = 210$

$564 - 365 = 199$

$564 - 355 = 209$

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
			

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

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

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

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

c)

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

b)

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

d)

	Th	H	T	O
	4 5	9 0	9 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
	6 7	1 1	8 9	4
-	1	2	3	6
	5	9	5	8

b)

	Th	H	T	O
	3 4	1 0	7 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	4

b) There are 2 exchanges.

The answer is greater than 4,000

E.g.

	7	6	4	0
-	2	3	5	1

c) There are 3 exchanges.

E.g.

	7	4	2	0
-	6	5	3	1

