Y3 – Autumn – Block 2 – Step 16 – Subtract two numbers (across a 100) Answers

Question	Answer
1	**a)**
		H	T	O
		4	³4̶	¹4
	−	2	2	6
		2	**1**	**8**
	b)
		H	T	O
		³4̶	¹4	4
	−	2	6	2
		1	**8**	**2**
	c)
		H	T	O
		³4̶	¹³4̶	¹4
	−	2	6	6
		1	**7**	**8**
	The numbers are all being subtracted from 444
	The number being subtracted is different. In part a), an exchange needs to be made from the tens to the ones. In part b), an exchange needs to be made from the hundreds to the tens. In part c), exchanges need to be made both from the tens to the ones and from the hundreds to the tens.
2	**a)**
		H	T	O
		⁴5̶	¹1	4
	−	2	4	1
		2	**7**	**3**
	b)
		H	T	O
		⁷8̶	¹3	6
	−	3	9	6
		4	**4**	**0**
	c)
		H	T	O
		⁵6̶	¹3	9
	−	5	7	2
		0	**6**	**7**
	d)
		H	T	O
		³4̶	¹0	8
	−	1	6	5
		2	**4**	**3**

Question	Answer
3	 H T O ⁵6̶ ¹²3̶ ¹4 − 2 5 8 **3 7 6** Two exchanges needed to be made.
4	<table><tr><td>Exchange a 100 only</td><td>Exchange a 10 only</td></tr><tr><td>835 − 261 628 − 377 448 − 383</td><td>452 − 124 361 − 122</td></tr><tr><td>No exchanges</td><td>2 exchanges</td></tr><tr><td>672 − 301 598 − 192</td><td>532 − 247 915 − 448</td></tr></table>
5	677

6	a)
	  H T O
	 ⁷8̶ ¹2 7
	− 5 4 7
	  2 **8 0**
	
	b)
	  H T O
	  6 **5** 5
	− 3 5 **3**
	 3 0 2
	
	c)
	  H T O
	  5 ⁴5̶ ¹3
	− **1** 0 8
	  4 **4** 5
	
	d)
	  H T O
	 ⁵6̶ ¹²3̶ ¹5
	− 3 5 **9**
	  2 **7** 6

7	94 m