1) a) 467 − 219 = 248g
b) 628 − 174 = 454g
c) 920 − 156 = 764g

2) a)

	7	²8̷ ¹6	
−	5	1	8
	2	1	8

b)

	7	⁷8̷ ¹0	5
−	6	6	1
	1	4	4

c)

	⁵8̷	⁹1̷0̷ ¹0	
−	2	4	7
	3	5	3

3) 159g of items were removed.

	⁷8̷	¹⁰1̷	¹2
−	6	5	3
	1	5	9

1) Betsy has incorrectly represented the calculation – she has subtracted 127 instead of 172.

Rowan has presented his calculation correctly but has tried to subtract the smaller number from the bigger number instead of exchanging.

The correct calculation should be:

	³4̷	¹6	8
−	1	7	2
	2	9	6

2) Children should understand that you need to exchange when the digit being subtracted is greater than the digit it is being subtracted from. In this case, they should explain that Betsy does not need to exchange to subtract the ones or the hundreds; however, to subtract in the tens column, she does need to exchange one hundred for ten tens.

1) a) *Possible answers:*

		$^5\not{6}$	$^1 5$	8	
–		2	**6**	2	
		3	**9**	6	

		$^5\not{6}$	$^1 5$	8	
–		2	**7**	2	
		3	**8**	6	

		$^5\not{6}$	$^1 5$	8	
–		2	**8**	2	
		3	**7**	6	

		$^5\not{6}$	$^1 5$	8	
–		2	**9**	2	
		3	**6**	6	

b) *Possible answers:*

		$^5\not{6}$	$^1\mathbf{1}$	5	
–		2	**5**	1	
		3	6	4	

		$^5\not{6}$	$^1\mathbf{2}$	5	
–		2	**6**	1	
		3	6	4	

		$^5\not{6}$	$^1\mathbf{3}$	5	
–		2	**7**	1	
		3	6	4	

		$^5\not{6}$	$^1\mathbf{4}$	5	
–		2	**8**	1	
		3	6	4	

		$^5\not{6}$	$^1\mathbf{5}$	5	
–		2	**9**	1	
		3	6	4	

2) *There are six possible calculations. None require more than one exchange.*

		9	6	2	
–		8	2	1	
		1	4	1	

no exchange

		9	6	2	
–		8	1	2	
		1	5	0	

no exchange

		9	$^5\not{6}$	$^1 2$	
–		2	1	8	
		7	4	4	

one exchange

		9	$^5\not{6}$	$^1 2$	
–		1	2	8	
		8	3	4	

one exchange

		$^8\not{9}$	$^1 6$	2	
–		1	8	2	
		7	8	0	

one exchange

		$^8\not{9}$	$^1 6$	2	
–		2	8	1	
		6	8	1	

one exchange