Sums and Differences of Money Guided Lesson Explanation

We find the best way to set these problems up is to think of them as decimal operations. Each time we pay attention to the place value and move right to left to solve each problem.

1) Step 1 – start at the far right place (cents column).

	$	5	.	6	1
-	$	3	.	8	0
			.		1

Step 2 – We cannot subtract 6 by 8. We therefore borrow from the next column up (dollars).

		4		16	
	$	~~5~~	.	~~6~~	1
-	$	3	.	8	0
			.	8	1

Step 3 – Finish off the dollars column. Final answer: $1.81

		4		16	
	$	~~5~~	.	~~6~~	1
-	$	3	.	8	0
		1	.	8	1

2) Step 1 - Add right to left. If the value is 10 or greater carry on to the next column.

				1	
	$	9	.	7	8
+	$	2	.	8	7
			.		5

Step 2 - Add right to left. If the value is 10 or greater carry on to the next column.

		1		1	
	$	9	.	7	8
+	$	2	.	8	7
			.	6	5

Step 3 - Add right to left. Final answer $12.65.

		1		1	
	$	9	.	7	8
+	$	2	.	8	7
	1	2	.	6	5

3) Step 1 — start at the far right place (cents column).

	$	1	5	.	2	8
-	$		8	.	9	2
				.		6

Step 2 — You can't subtract 9 from 2.

You will need to borrow for the next place up. That is also a problem.

You can't subtract 8 from 5. We will need to borrow from the column above that column.

			14			
		0	~~15~~		12	
	$	~~1~~	~~5~~	.	~~2~~	8
-	$		8	.	9	2
				.	3	6

Complete all the remaining operations:

			14			
		0	~~15~~		12	
	$	~~1~~	~~5~~	.	~~2~~	8
-	$		8	.	9	2
			6	.	3	6