

Monday 20<sup>th</sup> April

**Subtraction: Be the Teacher EXTRA SPICY CHALLENGE**

Oops, I think I've made some mistakes with my subtraction questions!

- Can you spot my mistakes and explain where I've gone wrong in each question?
- Can you find the one that I got right and prove it using the inverse operation?

1)

	2	4	0	7	
-	2	3	3	6	
	<hr/>				
	1	3	1		
	<hr/>				

2)

	5	6	8	8	
-	1	0	3		
	<hr/>				
	4	6	5	8	
	<hr/>				

3)

	2	7	3	8	
-		6	5	5	
	<hr/>				
	2	1	8	3	
	<hr/>				

4)

	4	0	<del>5</del> <sup>4</sup>	<del>0</del> <sup>10</sup>	
-	3	7	2	6	
	<hr/>				
	1	7	2	4	
	<hr/>				

5)

	<del>5</del> <sup>4</sup>	<del>4</del> <sup>10</sup>	<del>0</del> <sup>9</sup>	<del>4</del> <sup>11</sup>	
-	2	8	5	6	
	<hr/>				
	2	2	4	5	
	<hr/>				

6)

	6	2	8	5	
-	<del>3</del> <sup>2</sup>	7	<del>7</del> <sup>6</sup>	7	
	<hr/>				
	4	5	2	8	
	<hr/>				

7)

	8	9	2	<del>3</del> <sup>2</sup>	
-	2	6	6	2	
	<hr/>				
	6	3	6	0	
	<hr/>				

8)

	3	2	1	3	
-	1	1	3	7	
	<hr/>				
	4	3	5	0	
	<hr/>				

Answers

1)

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

You can't switch these around! Answer: 71

2)

	5	6	8	8
-	1	0	3	
	4	6	5	8

Number incorrectly placed Answer: 5585

3)

	2	7	3	8
-		6	5	5
	2	1	8	3

Your 7 should have become 6 when you exchanged. Answer: 2083

4)

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

You can't switch these around! Answer: 324

5)

	4	10	9	11
	<del>5</del>	<del>1</del>	<del>0</del>	<del>1</del>
-	2	8	5	6
	2	2	4	5

✓ Correct

Prove it:

$$\begin{array}{r} 2245 \\ + 2856 \\ \hline 5101 \end{array}$$

6)

	6	2	8	5
-	3	7	7	7
	4	5	2	8

You use only the top row to exchange, not the lower row! Answer: 2508

7)

	8	9	2	3
-	2	6	6	2
	6	3	6	0

You exchange from the column to the left, not right. Answer: 6261

8)

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

You have added, not subtracted! Answer: 2076