Year 3 Mental Arithmetic Sets 33 and 34
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Set 33	
Some quick addition, number sequences and patterns this week.	
Question 1: Make the largest number you can with the digits 2, 5 and 4.	
Question 2: Make the largest number you can with the digits 3, 7 and 6.	
Question 3: What do you have to add to 428 to make 728?	
Question 4: What do you have to add to 719 to make 919?	
Question 5: What number comes next: 3, 8, 13, 18, ?	
Question 6: What number comes next: 1, 5, 9, 13, ?	
Question 7: What odd number comes next after 89?	
Question 8: What odd number comes next after 99?	
Question 9: Write the next two numbers in this sequence: 266, 366, 466, 566, ? ?	
Question10: Write the next two numbers in this sequence: 501, 511, 521, 531, ? ?	

Set 34	
More addition and number sequences	
Question 1: Make the largest number you can with the digits 3, 9 and 1.	
Question 2: Make the largest number you can with the digits 1, 7 and 5.	
Question 3: What do you have to add to 341 to make 541?	
Question 4: What do you have to add to 198 to make 498?	
Question 5: What number comes next: 2, 7, 12, 17, ?	
Question 6: What number comes next: 3, 7, 11, 15, ?	
Question 7: What odd number comes next after 19?	
Question 8: What odd number comes next after 199?	
Question 9: Write the next two numbers in this sequence: 199, 299, 399, 499, ? ?	
Question 10: Write the next two numbers in this sequence: 147, 157, 167, 177, ? ?	

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Set 33 answers	
Question 1: Make the largest number you can with the digits 2, 5 and 4.	542
Question 2: Make the largest number you can with the digits 3, 7 and 6.	763
Question 3: What do you have to add to 428 to make 728?	300
Question 4: What do you have to add to 719 to make 919?	200
Question 5: What number comes next: 3, 8, 13, 18, ?	23
Question 6: What number comes next: 1, 5, 9, 13, ?	17
Question 7: What odd number comes next after 89?	91
Question 8: What odd number comes next after 99?	101
Question 9: Write the next two numbers in this sequence: 266, 366, 466, 566, ? ?	666 766
Question10: Write the next two numbers in this sequence: 501, 511, 521, 531, ? ?	541 551

Set 34 answers	
Question 1: Make the largest number you can with the digits 3, 9 and 1.	931
Question 2: Make the largest number you can with the digits 1, 7 and 5.	751
Question 3: What do you have to add to 341 to make 541?	200
Question 4: What do you have to add to 198 to make 498?	300
Question 5: What number comes next: 2, 7, 12, 17, ?	22
Question 6: What number comes next: 3, 7, 11, 15, ?	19
Question 7: What odd number comes next after 19?	21
Question 8: What odd number comes next after 199?	201
Question 9: Write the next two numbers in this sequence: 199, 299, 399, 499, ? ?	599 699
Question10: Write the next two numbers in this sequence: 147, 157, 167, 177, ? ?	187 197