Addition and Subtraction
End-of-Strand Assessment

Name: _____ Date: _____

1. Complete this addition using the column addition method.

	8	2	5	3	6
+	6	0	7	4	8

1 mark

2. Jules has found an approximate answer to 66 230 − 54 893 by rounding but she is incorrect.

66 000	−	54 000	=	12 000

Can you use rounding to give an accurate estimation?

	−		=	

1 mark

3. Complete this subtraction using the column subtraction method.

	6	2	5	8	2	0
−		9	6	2	4	7

1 mark

4. Last year, the local park had 36 705 visitors. The year before, 46 589 people visited. How many people visited the park over the last two years?

1 mark

5. Three siblings spent all day in their house, talking to each other. Luke said 12 465 words. Melissa said 15 902 words. Samantha said 9563 words.

a) How many words were spoken in the house that day by the three siblings?

b) Their parents arrived home and between them they spoke 28 783 words. How many words had all five of them spoken during that day?
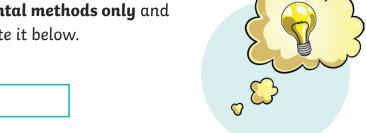
2 marks

6. Circle which of these calculations would be easier to add mentally.

828 362 + 61 594 = ?   ? = 828 000 + 61 560

Calculate the answer to the question you have chosen using **mental methods only** and write it below.

2 marks

7. Complete this column subtraction by filling in the missing digits.

	3	0	8	4		
−		8			8	3
	2	2	4	8	5	3

2 marks

8. Two spotted tablecloths were used to cover a large table. There were 6845 spots on one tablecloth and 11 086 spots on the other.

a) How many spots were there altogether?

b) When the table was laid, the dishes and other items covered up 2854 spots. How many spots could be seen after the table was laid?

9. Rayna looks up the population of her town and her neighbouring town. They are the only two towns in the region.

Town	Population	Town	Population
Addtown	13 256	Subsville	8129

She rounds the numbers to work out approximately how many people live in the region.

Town	Population	Town	Population
Addtown	13 000	Subsville	8000

She makes a statement about what she has discovered.

There are no more than 21 000 people living in the region.

Is she correct?
Explain how you know.

_____

_____

_____

_____

Calculate the exact number of people who live in the region.

10. Yazmin has worked out the addition below but isn't sure if she is right.

43 112 + 2520 = 45 632

Using mental methods only, use the inverse operation to see if her calculation is correct. Write your calculation and answer below.

1 mark

11. The water from two swimming pools in a leisure centre was drained and refilled with clean water. One swimming pool holds 68 914 litres and the other holds 143 650 litres.

a) How much water will be needed to refill them both?

litres

2 marks

b) After filling them, some of the water was drained because the manager realised they didn't need to be so full. She drained 4695 from one pool and 8713 from another. How much water was left in the pools?

litres

2 marks

12. Hamza worked out how many days old his grandparents are. His grandma is 28 835 days old (79 years old) and his grandpa is 29 784 (81 years old).

He wanted to work out how many days older his grandpa was than his grandma so he did this calculation:

28 835 + 29 784

Explain why he is wrong and calculate the correct answer, showing your working.

_____

_____

_____

2 marks

**Total
19 marks**