



1) Add 1999 and 55.

Look for whether children have made an error with their calculating or whether they have relied on a written method. For this question, children should demonstrate that mental methods, such as rounding, have been used. You may also notice some children may have made errors due to understanding of place value.

2054

2) Add 6000, 3000 and 7000.

Look for whether children have made an error with their calculating or whether they have relied on a written method. For this question, children should demonstrate that mental methods, such as the use of number bonds or doubling, have been used. You may also notice some children may have made errors due to understanding of place value.

16,000

3) $120 + 74 + 82 =$

276

Look for whether children have made an error with their calculating or whether they have relied on a written method. For this question, children should demonstrate that mental methods such as partitioning have been used.

4) Complete the sum:

+	7	2	5	4					
	1	7	4	3					
	8	9	9	7					

The children should demonstrate use of the formal column method with accuracy. There is no carrying in this question , so this will help you to assess child's knowledge of the method.

8997

5) $8919 + 3403 = 12322$

+	8	9	1	9					
	3	4	0	3					
1	2	3	2	2					
1	1		1						

The children should demonstrate use of the formal column method with accuracy. Look out for children who are unable to carry amounts over or explain this with accurate vocabulary (such as I carried the ten I made when I added 9 and 3).

6) Find the total of 12982, 7638 and 98231.

	1	2	9	8	2						
+	9	8	2	3	1						
		7	6	3	8						
1	1	8	8	5	1						
1	1	1	1	1							

The children should demonstrate use of the formal column method with accuracy. Look out for children who have made errors due to their understanding of place value when laying out the sum, as the children are required to add amounts with different amounts of digits .

118851

7) $2.99 + 13.80 =$

	2	9	9								
1	3	8	0								
1	6	7	9								
	1										

Look out for children who have made errors due to their understanding of place value when laying out the sum, as the children are required to add amounts with decimals.

16.79

8) Work out the answer to this sum:

$$\boxed{6.891} + \boxed{12.3} = \boxed{19.191}$$

This question is assessing whether the children can add numbers with different amounts of decimal places. The children will need to demonstrate an understanding of place value, especially with numbers with 3 decimal places.

9) Fill in the missing boxes:

$$\begin{array}{r} 1 \quad \boxed{3} \quad 5 \quad 3 \\ + \quad \boxed{2} \quad 8 \quad \boxed{4} \quad 2 \\ \hline 4 \quad 1 \quad 9 \quad 5 \end{array}$$

The children should demonstrate the use of strategies such as:

- counting on to find the difference,
- understanding that a thousand has been made and carried when 300 and 800 have been added.
- checking their answer by adding the amounts together at the end .

10) Sophia and Michael want to buy a car each. One car costs £19,589 and the other costs £11,429. **Approximately**, how much money will they need to buy both cars?

Children should demonstrate rounding to the nearest thousand or ten thousand to get an approximation of the amount spent:

20,000 and 10,000 = 30,000

Or

20,000 and 11,000 = 31,000

Children **should not** have worked out the answer: 31018 and then rounded it.

**30,000 or
31,000**