

Name:



Maths Assessment Year 2 Term 3: Addition and Subtraction

1. Add and subtract numbers mentally.
2. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.
3. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.
4. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.
5. Solve problems using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.

Name:

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Maths Assessment Year 2 Term 3: Addition and Subtraction

1. Add and subtract numbers mentally.

Listen to the teacher and write the answer in the box.

a) <input type="text"/>	b) <input type="text"/>	c) <input type="text"/>
d) <input type="text"/>	e) <input type="text"/>	f) <input type="text"/>
g) <input type="text"/>	h) <input type="text"/>	i) <input type="text"/>

9 marks

2. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.

Circle the two numbers that add up to 100.

30 40 50 10 60 20

1 mark

3. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.

Use $24 + 67 = 91$ to complete these:

$$67 + \boxed{} = 91 \quad \boxed{} - 67 = \boxed{}$$

2 marks

4. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.

a) If $23 + 62 = 85$, put a circle around the calculation that is incorrect.

$$85 - 23 = 62$$

$$85 - 62 = 32$$

$$62 + 23 = 85$$

1 mark

b) Complete this subtraction calculation and an addition calculation to check the answer.

$$57 - 18 = \boxed{}$$

Checked using: $\boxed{} + \boxed{} = \boxed{}$

1 mark

Total for this page

c) Find the missing numbers.

$$28 + \boxed{} = 51$$

$$\boxed{} - 26 = 35$$

2 marks

5. Solve problems using concrete objects and pictorial representations, including those involving numbers, quantities and measures; applying their increasing knowledge of mental and written methods.

Solve these puzzles and show how you worked them out.

- a) Class 1 collect £23 for Comic Relief and Class 2 collect £39. How much did they collect altogether?



2 marks

- b) The teacher in Class 1 puts some money into the class collection to make it match the collection in Class 2. How much does he give?



2 marks

Total for this page

Answer Sheet: Maths Assessment Year 2 Term 3: Addition and Subtraction



question 1	Teacher script for mental maths questions				
a	$45 + 9 =$	b	$29 - 5 =$	c	$34 - 8 =$
d	$57 - 30 =$	e	$69 + 20 =$	f	$35 + 41 =$
g	$57 - 32 =$	h	$56 - 39 =$	i	$5 + 7 + 7 =$

question	answer	marks	notes
1. Add and subtract numbers mentally. Teacher script for mental maths questions.			
a	54	1	
b	24	1	
c	26	1	
d	27	1	
e	89	1	
f	76	1	
g	25	1	
h	17	1	
i	19	1	
2. Recall and use addition and subtraction facts to 20 fluently, and derive and use related facts up to 100.			
	30 40 50 10 60 20	1	
3. Show that addition of two numbers can be done in any order (commutative) and subtraction of one number from another cannot.			
a	67 + 24 = 91	Up to 2 marks	1 mark for each correct answer.
b	91 – 67 = 24		
4. Recognise and use the inverse relationship between addition and subtraction and use this to check calculations and solve missing number problems.			
a	85 – 62 = 32	1	Do not award a mark if there is evidence of working out rather than using the inverse relationship.
b	57 – 18 = 39 Checked using: 39 + 18 = 57 or 18 + 39 = 57	1	

question	answer	marks	notes
c	$28 + 23 = 51$ $61 - 26 = 35$	2	
5. Solve problems using concrete objects and pictorial representations, including those involving numbers, quantities and measures applying their increasing knowledge of mental and written methods.			
a	£62	2	Award 2 marks for a correct answer; 1 mark for evidence of working out using the correct operation regardless of whether the correct answer is reached.
b	£16	2	
		Total 20	