

Name:



## Maths Assessment Year 3 Term 3: Addition and Subtraction

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1. Add and subtract numbers mentally.
2. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.
3. Estimate the answer to a calculation and use inverse operations to check answers.
4. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.

Name:

Date:

20  
total marks



## Maths Assessment Year 3 Term 3: Addition and Subtraction

1.

- a)       b)       c)   
d)       e)       f)

6 marks

2.

Using a formal written method, find the answers:

- a)  $43 + 62 =$
- b)  $403 - 178 =$
- c)  $372 + 559 =$

3 marks

3.

a) Write down calculations that could be estimated as follows. One has been done for you:

Estimate

Possible calculation

$500 + 200 =$

$512 + 187$

$350 + 150 =$

$600 - 350 =$

2 marks

b) Use this calculation to answer the following:

$$\begin{array}{r} 307 \\ + 94 \\ \hline 401 \end{array}$$

$401 - 94 =$

$401 - 307 =$

1 mark

Total for this page

4.

a) Write in the missing numbers:

$$\boxed{\phantom{000}} + 75 = 200$$

$$100 - \boxed{\phantom{000}} = 81$$

$$\boxed{\phantom{000}} - 36 = 99$$

$$281 + \boxed{\phantom{000}} = 713$$

Solve these problems:

b) Sonny has £4.50. He wants to buy a present for his dad that costs £6.25. How much more money does he need to save?

£

c) Jack, Tom and Leanne have collected World Cup football cards. Jack has 46, Tom 59 and Leanne 124.

i) How many more does Leanne have than Tom?

ii) How many cards do Jack, Tom and Leanne have altogether?

d) On Red Nose Day, two Year 3 classes sell iced biscuits. One class raises £5.20 and the other £6.85. How much do they raise altogether?

£

4 marks

1 mark

1 mark

1 mark

1 mark

Total for this page

question 1	Teacher script for mental maths questions					
a	$263 + 5 =$	b	$502 - 4 =$	c	$176 + 50 =$	
d	$790 - 50 =$	e	$39 + 600 =$	f	$892 - 700 =$	

question	answer	marks	notes
<b>1. Add and subtract numbers mentally.</b>			
	a) <input type="text" value="268"/> b) <input type="text" value="498"/> c) <input type="text" value="226"/> d) <input type="text" value="740"/> e) <input type="text" value="639"/> f) <input type="text" value="192"/>	6	Award 1 mark for each correct answer.
<b>2. Add and subtract numbers with up to three digits, using formal written methods of columnar addition and subtraction.</b>			
a	105	1	Award 1 mark for each correct answer. Do not award a mark if no written columnar method has been shown.
b	225	1	
c	931	1	
<b>3. Estimate the answer to a calculation and use inverse operations to check answers.</b>			
a	$350 + 150 = \mathbf{361 + 135}$ $600 - 350 = \mathbf{589 - 356}$	2	Award 1 mark for each calculation with a reasonable answer. Do not accept attempts to calculate the exact answer.
b	307,94	1	Award 1 mark for correctly showing both correct answers. No written calculations should be shown on the page.
<b>4. Solve problems, including missing number problems, using number facts, place value, and more complex addition and subtraction.</b>			
a	$\mathbf{125} + 75 = 200$ $100 - \mathbf{19} = 81$ $\mathbf{135} - 36 = 99$ $281 + \mathbf{432} = 713$	4	Award 1 mark for each correct answer.
b	£1.75	1	
c	65	1	
d	229	1	
e	£12.05	1	
		Total 20	