

Name:



## Maths Assessment Year 4: Addition and Subtraction

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1. Add numbers up to 4 digits, using formal written methods of columnar addition and subtraction.
2. Estimate the answer to a calculation and use inverse operations to check answers.
3. Solve addition and subtraction two step problems in context, decide which operations and methods to use and why.

Name:

Date:



## Maths Assessment Year 4: Addition and Subtraction

1. Add numbers up to 4 digits, using formal written methods of columnar addition and subtraction.

a) Add the following, using a column method; set your addition and answer in the box below:

$354 + 62$	$2689 + 732$	$2462 + 1022 + 234$
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b) Subtract the following, using a column method; set your subtraction and answer in the box below:

$962 - 621$	$8268 - 521$	$8308 - 2124$
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2. Estimate the answer to a calculation and use inverse operations to check answers.

a) Write down the calculation you would do to estimate the answer:

My estimate

$462 + 985 =$

$4789 - 2221 =$

3 marks

3 marks

2 marks

Total for this page

b) Is this calculation correct? Show how you would check it using the **inverse**.

$$\begin{array}{r} 347 \\ - 212 \\ \hline 125 \end{array}$$

1 mark

3. Solve addition and subtraction two step problems in context, decide which operations and methods to use and why.

Solve these problems and show your working out. Even if you get the wrong answer, you may get a mark for your working out.

A theatre holds 2200 people. Across the week these were the tickets sold:

Tuesday	1345
Wednesday	1022
Thursday	1244
Friday	1990
Saturday	2110

a) How many tickets altogether were sold on Thursday, Friday and Saturday? Show your working in the box below.

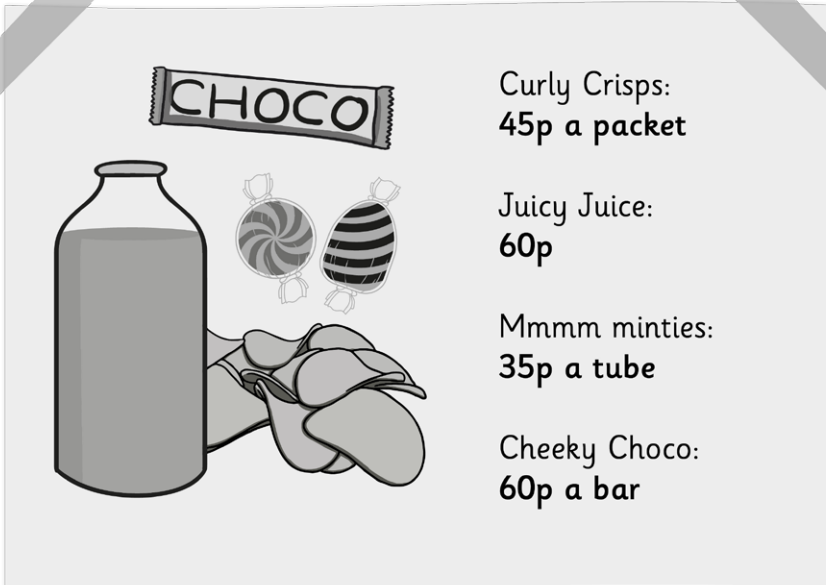
2 marks

b) How many unsold tickets were there on Tuesday and Wednesday? Show your working in the box below.

2 marks

Total for this page

These are the prices at Will's Corner Store:



The menu board is a light grey rectangle with two grey diagonal corner tabs. On the left side, there are illustrations: a chocolate bar with 'CHOCO' written on it, a bottle of juice, two round candies (one with a swirl, one with stripes), and a tube of minties. On the right side, the items and their prices are listed:

- Curly Crisps: 45p a packet
- Juicy Juice: 60p
- Mmmm minties: 35p a tube
- Cheeky Choco: 60p a bar

c) Adam goes to Will's corner store. He buys: 3 bottles of juice, 1 cheeky choco bar, 2 packets of curly crisps and 3 tubes of Mmmm minties. He gives the shopkeeper £5. How much change does he receive?



2 marks



Total for this page

question	answer	marks	notes
<b>1.</b> Add numbers up to 4 digits; use formal written method of columnar addition and subtraction.			
a	416 3421 3718	3	1 mark each. Must have used a column method to answer the question
b	341 7747 6184	3	1 mark each. Must have used a column method to answer the question
<b>2.</b> Estimate the answer to a calculation and use inverse operations to check answers.			
a	Sensible estimate given: $500 + 1000 = 1500$  Either $4800 - 2200 = 2600$ Or $5000 - 2000 = 3000$	2	1 mark each
b	$212 + 125 = 337$ or $125 + 212 = 337$	1	
<b>3.</b> Solve addition and subtraction two step problems in context, decide which operations and methods to use and why.			
a	5344	up to 2 marks	Award 2 marks for the correct answer, whether working out shown or not. Award 1 mark for incorrect answer but a sensible attempt to solve the problem.
b	2033	up to 2 marks	
c	65p or written as £0.65	up to 2 marks	
		Total 15	