

## New Document 1

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

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Time: **15 minutes**

Marks: **15 marks**

Comments:

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**1**

Write numbers in the boxes to make this calculation correct.

$$50 - \boxed{\phantom{00}} = \boxed{\phantom{00}} + 10$$

1 mark

**2**

Write in the missing number.

$$8.5 + 14.7 = 10.2 + \boxed{\phantom{00.0}}$$

1 mark

**3**

Write the missing numbers to make these calculations correct.

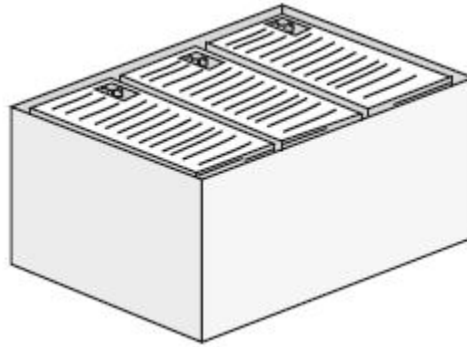
$$200 \times \boxed{\phantom{000}} - 200 = 200$$

1 mark

$$(100 - \boxed{\phantom{00}}) \times 100 = 100$$

1 mark

4



There are 2,400 leaflets in a box.

William and Ally take 450 leaflets each.


Adam and Chen share the rest of the leaflets equally.

How many leaflets does Adam get?

Show your method

2 marks

**5**



Show your method

kg

6

Show  
your  
method

£

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7

Lara chooses a number less than 100

She divides it by 3 and then subtracts 11

She then divides this result by 2

Her answer is 10.5

What was the number she started with?

Show your method

2 marks

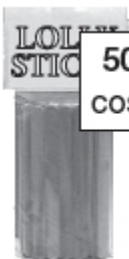
8

One toffee apple needs:

1 stick,

**100 g** of sugar,

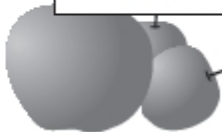
1 apple.



50 sticks  
cost £6.25



1 kg of sugar  
costs £0.99



100 apples  
cost £22.50

Children buy just enough sticks, sugar and apples to make **100** toffee apples.

They sell all 100 toffee apples for **£1 each**.

The profit goes to charity.

Work out how much money goes to charity.

Show  
your  
method

£
---

3 marks

## Mark schemes

1

Any two numbers which total 40, eg:

- 10 and 30
- 20 and 20
- 0 and 40
- 1 and 39

*Accept negative numbers and decimals.*

[1]

2

13

[1]

3

2

1

99

1

[2]

4

Award **TWO** marks for the correct answer of 750

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g.

- $450 \times 2 = 900$   
 $2,400 - 900 = 1,500$   
 $1,500 \div 2$

*Answer need not be obtained for the award of **ONE** mark.*

Up to 2m

[2]

**5**

Award **TWO** marks for the correct answer of 1.05 kg.

If the answer is incorrect, award **ONE** mark for evidence of appropriate working, eg:

■  $12 \div 4 = 3$

$$350 \times 3 = 1050$$

$$1050 \div 1000 = \text{wrong answer}$$

**Do not accept** 1050 g

Accept for **ONE** mark 10.5 or 105 as evidence of appropriate working.

Working must be carried through to reach an answer for the award of **ONE** mark.

Up to 2m

[2]

**6**

Award **TWO** marks for the correct answer of £5.75

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g:

- $\begin{aligned} &\text{£}6.75 \times 3 = \text{£}20.25 \\ &\text{£}20.25 + \text{£}8.50 = \text{£}28.75 \\ &\text{£}28.75 \div 5 \end{aligned}$

Answer need not be obtained for the award of **ONE** mark.

Up to 2

[2]

**7**

Award **TWO** marks for the correct answer of 96

If the answer is incorrect, award **ONE** mark for evidence of an appropriate method, e.g:

- $\begin{aligned} &10.5 \times 2 = 21 \\ &21 + 11 = 32 \\ &32 \times 3 \end{aligned}$

Answer need not be obtained for the award of **ONE** mark.

Up to 2

[2]



**8**

Award **THREE** marks for the correct answer of £55.10

Award **TWO** marks for a complete correct method with one arithmetic error, eg

■	Sticks	£12.50
	Sugar	£ 9.99 (error)
	Apples	+ <u>£22.50</u>
	Total	£44.99
	Profit	£100.00
		– <u>£ 44.99</u>
		£ 55.01

**OR**

If the answer is incorrect, award **TWO** marks for evidence of a correct total for all the ingredients, eg

■	Sticks	£12.50
	Sugar	£ 9.90
	Apples	+ <u>£22.50</u>
	Total	£44.99

**OR**

Award **ONE** mark for sight of £12.50 **and** £9.90

**Up to 3**

**[3]**