

1

Write one of these signs in each empty box. You can use each sign more than once.

+ = -

15  73  88

73  15  58

1 mark

2

Calculate **1202 + 45 + 367**

*جواب*

1 mark

3

Here are five number cards.

4	4	5	8	2
---	---	---	---	---

Use all five cards to make an addition that has the **answer 500**

+					
<span style="margin-right: 40px;">5</span> <span style="margin-right: 40px;">0</span> <span>0</span>					

1 mark

4 Emily chooses two numbers.



She adds the two numbers together and divides the result by 2

Her answer is 44

One of Emily's numbers is 12

What is Emily's other number?

Show your method

A large rectangular grid for showing work. On the left side, there is a rounded rectangular box containing the text "Show your method". On the right side of the grid, there is a smaller, empty rectangular box.

2 marks

5 Here are four digit cards.



Write in **three** of the digits to make **the total nearest to 1000**

$$650 + \boxed{\phantom{00}}\boxed{\phantom{00}}\boxed{\phantom{00}} =$$

1 mark

**6**Three **different** numbers add up to 40

The numbers are all even.

Each number is less than 20

Write what the three **different** numbers could be.



$$\boxed{\phantom{00}} + \boxed{\phantom{00}} + \boxed{\phantom{00}} = 40$$

1 mark

**7**

$$53\,689 + 8014 =$$

1 mark

**8**Write what the **two missing digits** could be.

	6	2	+		9	5	=	757
--	---	---	---	--	---	---	---	-----

1 mark

**9**Write in the **missing** digits.

$$593 - 20\boxed{\phantom{0}} = 3\boxed{\phantom{0}}1$$

1 mark

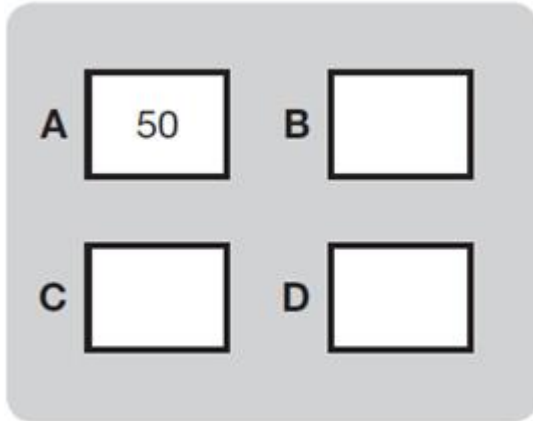
10

The number in **A** is **twice** the number in **D**.

The number in **B** is **5 less** than the number in **C**.

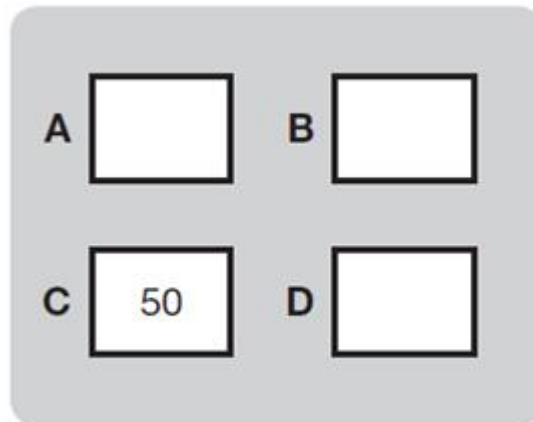
The number in **D** is **10 more** than the number in **B**.

Write the missing numbers in this diagram.



1 mark

Now use the same rule for this diagram.



1 mark

11

$$345 + 678 - 123 =$$

1 mark

## Mark schemes

**1**  $15 + 73 = 88$   
 $73 - 15 = 58$   
**or**  
 $73 = 15 + 58$

*Both correct for 1 mark*

[1]

**2** 1614

[1]

**3**

<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="padding: 2px 5px;">4</td><td style="padding: 2px 5px;">4</td><td style="padding: 2px 5px;">8</td></tr><tr><td></td><td style="padding: 2px 5px;">5</td><td style="padding: 2px 5px;">2</td></tr></table>	4	4	8		5	2	<b>or</b>	<table border="1" style="display: inline-table; border-collapse: collapse;"><tr><td style="padding: 2px 5px;">4</td><td style="padding: 2px 5px;">5</td><td style="padding: 2px 5px;">2</td></tr><tr><td></td><td style="padding: 2px 5px;">4</td><td style="padding: 2px 5px;">8</td></tr></table>	4	5	2		4	8	
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	4	2													
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	5	8													

[1]

**4** Award **TWO** marks for the correct answer of 76

If the answer is incorrect, award **ONE** mark for evidence of appropriate method, eg  
 $44 \times 2 = 88$   
 $88 - 12$

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

Up to 2

[2]

**5** Numbers completed as shown:

650 + 

3	5	2
---	---	---

 =

**Do not** accept digit cards used more than once.

*Answer to the calculation is not required for award of the mark.*

[1]

**6**  $18 + 16 + 6$

OR

$18 + 14 + 8$

OR

$18 + 12 + 10$

OR

$16 + 14 + 10$

*Numbers may be given in any order.*

[1]

**7** 61 703

[1]

**8** Any two digits which sum to 6, eg

4	6	2
---	---	---

 + 

2	9	5
---	---	---

*Each of the two digits must be shown.*

*Accept 0 as one of the digits.*

[1]

**9**  $593 - 202 = 391$

*Accept answers elsewhere on the page if boxes are blank.*

[1]

**10** (a)

**A**

50
----

**B**

15
----

**C**

20
----

**D**

25
----

1

(b)

**A**

110
-----

**B**

45
----

**C**

50
----

**D**

55
----

U1

[2]

**11** 900

[1]