

Q1.

The sum of two numbers is 100

Write in the missing digits.

$$\begin{array}{|c|c|} \hline 3 & \square \\ \hline \end{array} + \begin{array}{|c|c|} \hline \square & 3 \\ \hline \end{array} = \begin{array}{|c|c|c|} \hline 1 & 0 & 0 \\ \hline \end{array}$$

1 mark

Q2.

Jamie, Kate and Hassan run a 50 m race.



Kate's time is 13 seconds.

Jamie finishes 5 seconds before Kate.

Hassan finishes 3 seconds after Jamie.

What is **Hassan's time** in seconds?

seconds

1 mark

Q3.

Write the missing number.

One is done for you.

180 $\xrightarrow{\text{is 20 more than}}$ 160

$\xrightarrow{\text{is 20 more than}}$ 237

1 mark

Q4.

Dev has three discs.



Each disc has a 7 on one side and an 8 on the other side.

He spins all the discs and adds the three scores together.

How many **different totals** can he get using the three discs?

1 mark

Q5.

Amy chooses two of these cards.



She adds the numbers on her two cards together.
She rounds the result to the nearest 10

Her answer is 60

Which two cards did Amy choose?

and

1 mark

Q6.

Here are six number cards.

Use **all** the number cards to complete the two sums below.

$$\boxed{} + \boxed{} = \boxed{}$$

$$\boxed{} + \boxed{} = \boxed{}$$

1 mark

Q7.

Circle the number closest to 500

525 491 511 408 550

1 mark

Q8.

Circle the number that is closest to 300.

338 3030 288 313 130

1 mark

Q9.

The table shows the cost of a new football kit.

Item	Cost
Shirt	£8.75
Shorts (1 pair)	£5.95
Socks (1 pair)	£4.15



Altogether, how much does the complete football kit cost?

£

1 mark

Q10.

Write in the missing number.

$$1 + 10 + \boxed{} = 100$$

1 mark

Q11.

Write the correct sign =, > or < in each circle.

9×3	<input type="text"/>	8×4
$9 - 3$	<input type="text"/>	$8 - 4$
$9 + 3$	<input type="text"/>	$8 + 4$
$9 \div 3$	<input type="text"/>	$8 \div 4$

Q12.

Joe has a box of 72 chocolates.



He gives 18 of the chocolates to his friends.

How many chocolates are left in the box?

1 mark

Holly has a box of mints.



She has 10 friends.

She gives them 5 mints each.

She has 13 mints left.

How many mints were in the box at the start?

1 mark

Q13.

Plastic cups are sold in packs of 8

Amir needs 27 cups.



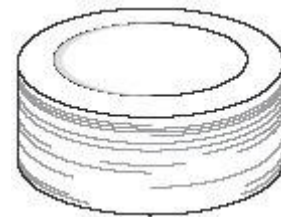
How many packs must he buy?

1 mark

There are 30 paper plates in a pack.

Amir buys 2 packs.

He uses 37 plates.



How many plates are left?

1 mark

Q14.

The four sums below can be completed using only the numbers 1 to 8

Use each number **once** to complete the sums.

One sum has been done for you.

1 2 3 4 ~~5~~ ~~6~~ 7 8

$$1 + \boxed{5} + \boxed{6} = 12$$

$$2 + \boxed{} + \boxed{} = 12$$

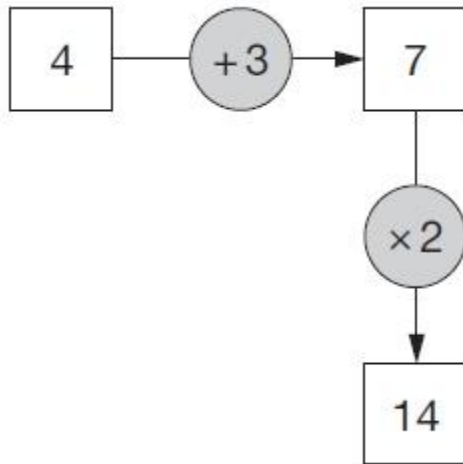
$$3 + \boxed{} + \boxed{} = 12$$

$$6 + \square + \square = 12$$

2 marks

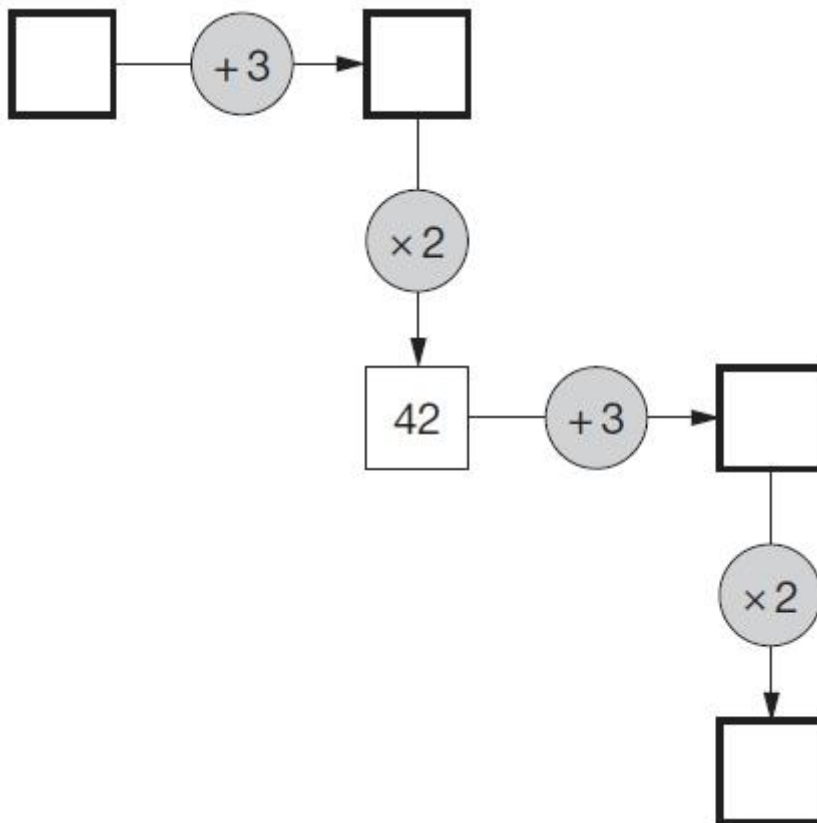
Q15.

Here is a number machine.



Here is another number machine.

Write the four missing numbers.



2 marks

Mark schemes

Q1.

$$\begin{array}{|c|c|} \hline 3 & 7 \\ \hline \end{array} + \begin{array}{|c|c|} \hline 6 & 3 \\ \hline \end{array}$$

[1]

Q2.

11

[1]

Q3.

257

[1]

Q4.

4

Accept 21 AND 22 AND 23 AND 24

[1]

Q5.

23 AND 33

U1

Numbers may be given in either order.

[1]

Q6.

Calculations completed as shown:

$$\begin{array}{|c|} \hline 10 \\ \hline \end{array} + \begin{array}{|c|} \hline 30 \\ \hline \end{array} = \begin{array}{|c|} \hline 40 \\ \hline \end{array}$$

$$\begin{array}{|c|} \hline 20 \\ \hline \end{array} + \begin{array}{|c|} \hline 30 \\ \hline \end{array} = \begin{array}{|c|} \hline 50 \\ \hline \end{array}$$

Calculations may be given in either order.

The first two numbers within each calculation may be given in either order.

[1]

Q7.

Number circled as shown:

525 **491** 511 408 550

Accept alternative unambiguous indications, eg number ticked, crossed or underlined.

[1]

Q8.

Number circled as shown:

338 3030 **288** 313 130

Accept alternative unambiguous indications.

[1]

Q9.

£18.85

[1]

Q10.

89

[1]

Q11.

Award **TWO** marks for all four symbols correct, as shown:



If the answer is incorrect, award **ONE** mark for three symbols correct.

Up to 2

[2]

Q12.

(a) 54

1

(b) 63

1

[2]

Q13.

(a) 4

1

(b) 23

1

[2]

Q14.

Award **TWO** marks for all three pairs of numbers correct as shown:

$$\boxed{5} + \boxed{6}$$

$$\boxed{3} + \boxed{7}$$

$$\boxed{1} + \boxed{8}$$

$$\boxed{2} + \boxed{4}$$

If the answer is incorrect, award **ONE** mark for two pairs of numbers correct.

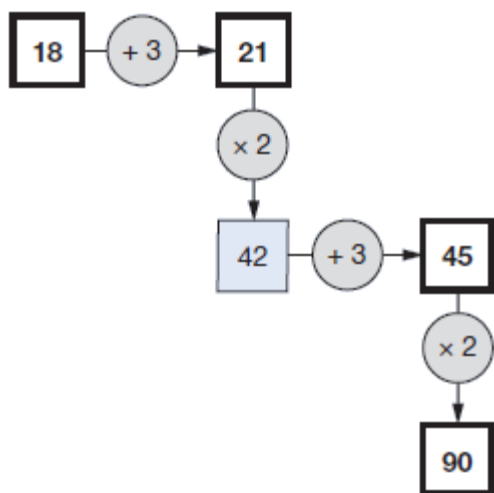
Numbers within pairs may be given in either order.

Up to 2 (U1)

[2]

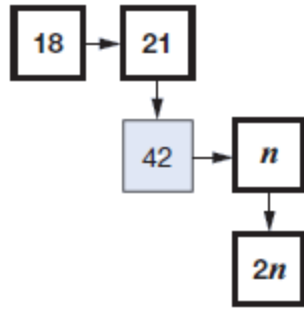
Q15.

Award **TWO** marks for all four numbers correct as shown:

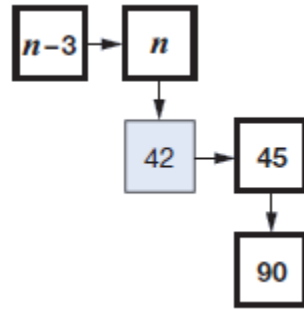


If the answer is incorrect, award **ONE** mark for three numbers correct.

*If the answer is incorrect, award **ONE** mark for two numbers correct **AND** two numbers appropriately linked, ie*



OR



where n is any number.

Up to 2

[2]