

1

There are 24 children in the nursery.

4 boys and 5 girls go outside.

How many children are left inside the nursery?

children

1 mark

2

Sam has 256 stickers.

Beth has 100 more than Sam.

How many stickers does Beth have?

stickers

1 mark

3

Draw **all** the missing lines.

two tens	12
	14
double six	20
the sum of 3 and 8	8
half of 12	6
17 subtract 9	11

1 mark

4

Each side of this square must **add up to 80**

Write in the **missing** numbers.

30	40	
		50
20	40	20

1 mark

5

Use only these numbers.

4

8

12

16

20

Write numbers in the boxes to make these correct.

Numbers can be used more than once.

(a) + =

(b) - =

2 mark

6

Use these signs: $-$ $+$ $=$

You can use each sign more than once.

Write signs in the boxes to make these correct.

$$25 \quad \square \quad 19 \quad \square \quad 6$$

$$15 \quad \square \quad 15 \quad \square \quad 0$$

1 mark

7

Robin has these coins.



How much money does he have?

1 mark

8

Use any of these numbers.

12 3 9 18 6

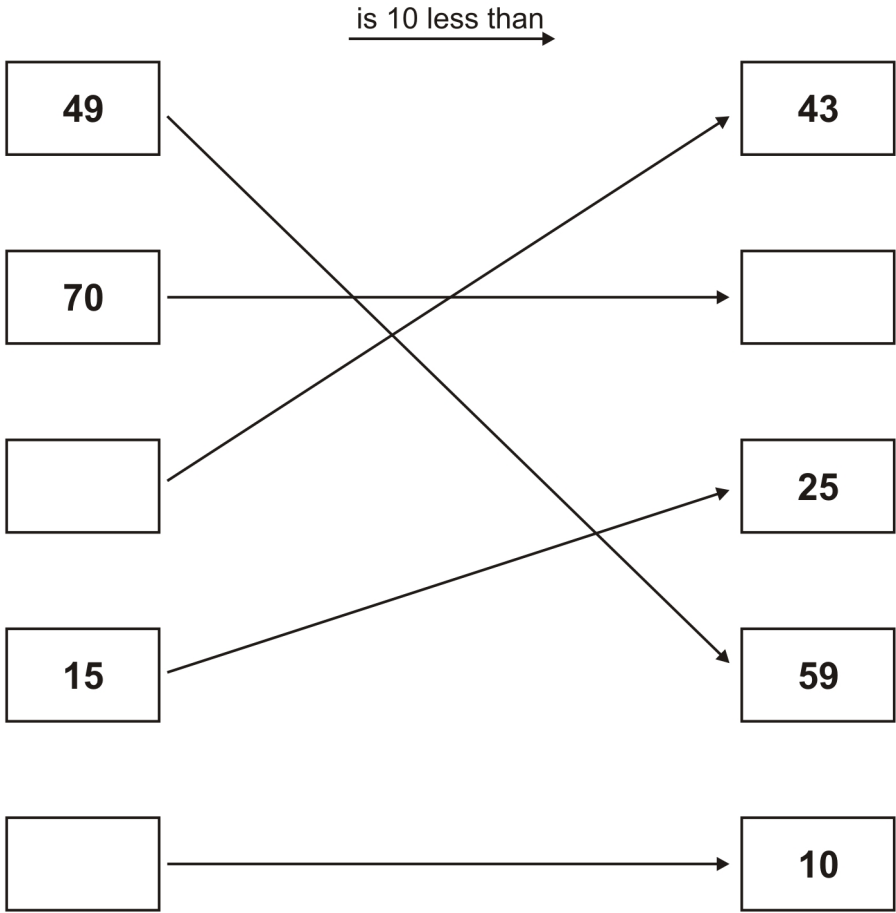
Write one number in each box to make a correct sum.

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

1 mark

9

Write the correct numbers in the 3 empty boxes.



2 mark

10

Write 3 numbers **less than 10** which total 20.

1 mark

11

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

12

Zinzi has a rod **15** cubes long.



She breaks it into two pieces.

One piece is 1 cube longer than the other.

How many cubes are in **each** piece?

cubes	and	cubes
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1 mark

13

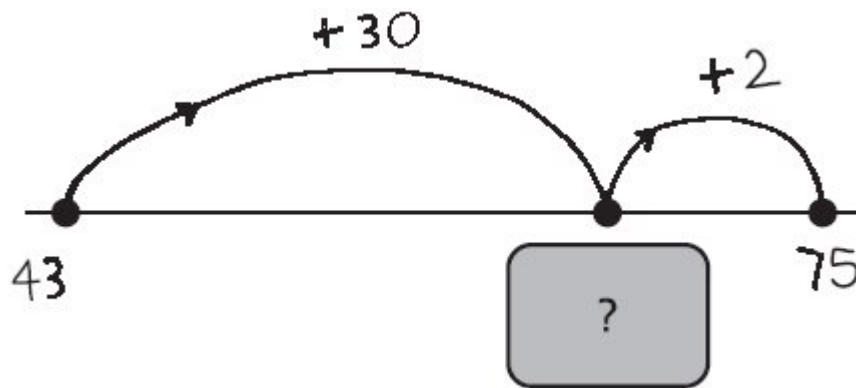
Circle **three** numbers that add to make a **multiple of 10**

11 12 13 14 15 16 17 18 19

1 mark

14

Molly drew a number line to find the answer to $43 + 32$



What number is hidden under the card?

--

1 mark

15

Look at each number sentence.

Put a tick (✓) if it is correct.

Put a cross (X) if it is **not** correct.

$$8 \times 2 = 8 + 8$$

$$3 \times 10 = 3 + 3 + 3$$

$$5 \times 4 = 5 + 5 + 5 + 5$$

1 mark

16

Ben wants to buy a packet of biscuits.



He gives the shopkeeper **65p**

The shopkeeper says,

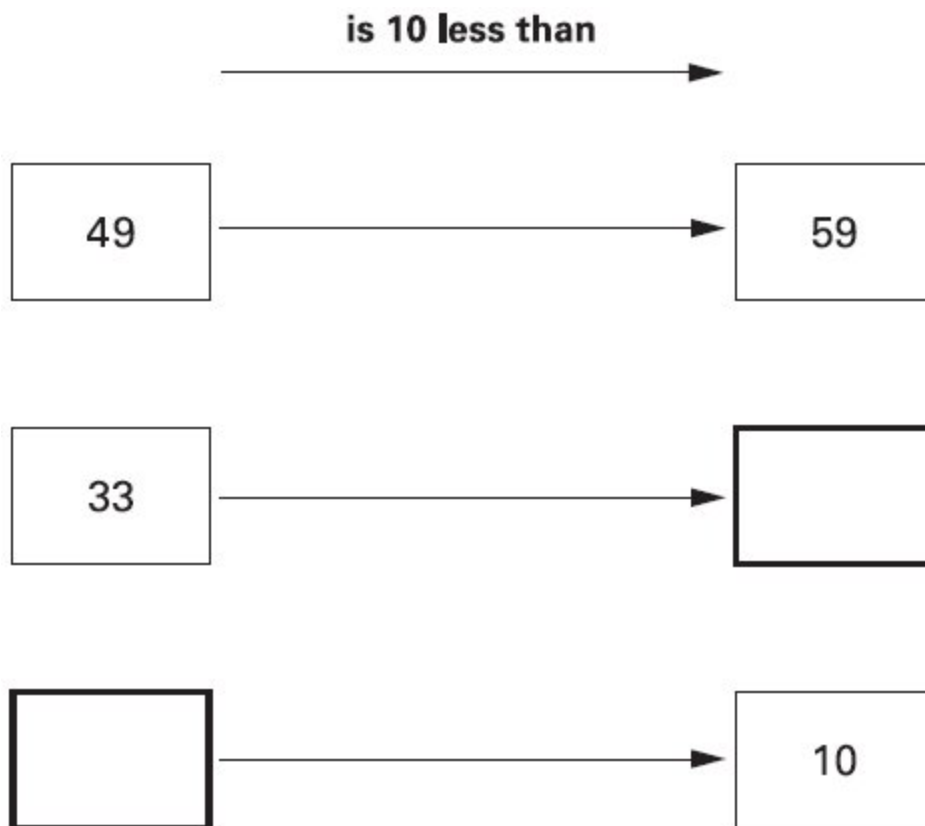
'You need 25p more to buy the biscuits'.

How much do the biscuits cost?

1 mark

17

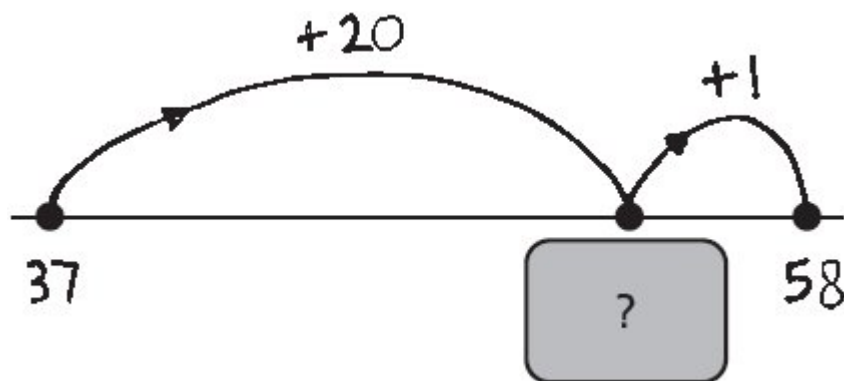
Write the missing numbers in the **two** empty boxes.



2 marks

18

Katie drew a number line to help her find the answer to $37 + 21$



What number is hidden under the card?

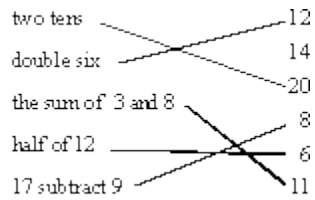
1 mark

Mark schemes

1 15 (or fifteen) calculated as answer [1]

2 356 stickers [1]

3 Draw **all** the missing lines.



All correct for 1 mark.

[1]

4 10 **AND** 30 as indicated below.

30	40	10
30		50
20	40	20

Both numbers must be correct.

Accept numbers written elsewhere provided the intention is clear.

[1]

5 (a) $4 + 16 = 20$

$$16 + 4 = 20$$

$$8 + 12 = 20$$

$$12 + 8 = 20$$

$$4 + 12 = 16$$

$$12 + 4 = 16$$

$$8 + 8 = 16$$

$$4 + 8 = 12$$

$$8 + 4 = 12$$

$$4 + 4 = 8$$

Any of these additions correct for 1 mark.

1

- (b) $20 - 16 = 4$
 $20 - 12 = 8$
 $20 - 8 = 12$
 $20 - 4 = 16$
 $16 - 12 = 4$
 $16 - 8 = 8$
 $16 - 4 = 12$
 $12 - 8 = 4$
 $12 - 4 = 8$
 $8 - 4 = 4$

Any of these subtractions correct for 1 mark.

1

[2]

- 6** $25 = 19 + 6$
 or
 $25 - 19 = 6$
AND
 $15 - 15 = 0$
 or
 $15 = 15 + 0$

Both correct for 1 mark.

[1]

- 7** 49 (p)

[1]

- 8** $18 = 12 + 6$ or $18 = 6 + 12$ or $18 = 9 + 9$
 or $12 = 6 + 6$ or $12 = 9 + 3$ or $12 = 3 + 9$
 or $9 = 6 + 3$ or $9 = 3 + 6$ or $6 = 3 + 3$

[1]

- 9** 0 in left hand bottom box; 33 in left hand middle box; 80 in right hand box

2 marks for all three numbers correctly identified, or
1 mark or any two numbers correctly identified.

Up to 2

[2]

10

- 9 + 9 + 2
- 9 + 8 + 3
- 9 + 7 + 4
- 9 + 6 + 5
- 8 + 8 + 4
- 8 + 7 + 5
- 8 + 6 + 6
- 7 + 7 + 6

Any one correct for **1 mark**. Each can be in any order, for example: 8 + 7 + 5 can be 5 + 8 + 7 and so on. Signs do not have to be given, for example: accept 8, 7, 5.

[1]

11

11

[1]

12

Boxes completed as shown:



Accept reverse order.

U1

[1]

13

One of the following triples:

- 11, 12, 17 13, 18, 19
- 11, 13, 16 14, 17, 19
- 11, 14, 15 15, 16, 19
- 12, 13, 15 15, 17, 18

Accept alternative unambiguous indications, eg ticks, crosses.

Do not award the mark if fewer or more than three numbers are circled.

[1]

14

73

[1]

15 Number sentences ticked and crossed as shown:

$8 \times 2 = 8 + 8$



$3 \times 10 = 3 + 3 + 3$



$5 \times 4 = 5 + 5 + 5 + 5$



All three number sentences must be correctly ticked and crossed for the award of the mark.

Accept ticks and crosses placed elsewhere, provided it is clear which number sentence they refer to.

Accept any other clear way of indicating the number sentences, such as 'Y' and 'N'.

[1]

16 90p

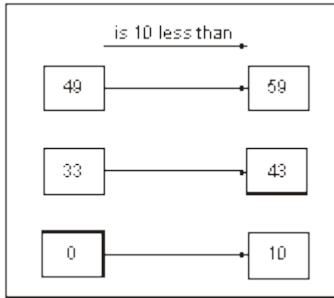
Accept £0.90p **OR** £0 90p **OR** £.90p

Do not accept £90p **OR** 0.90p

U1

[1]

17 Diagram completed correctly as shown:



[2]

18 57

[1]