

Q1.

The sum of two numbers is 100

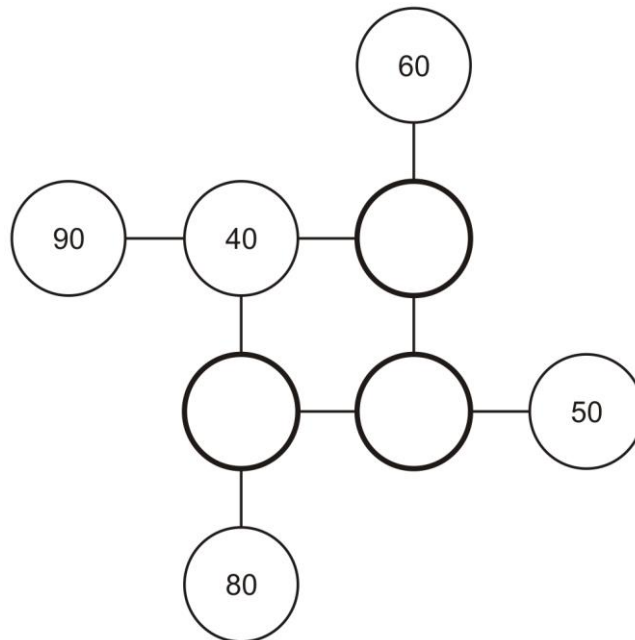
Write in the missing digits.

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

1 mark

Q2.

Complete this diagram so that the three numbers in each line add up to **150**



1 mark

Q3.

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

Q4.

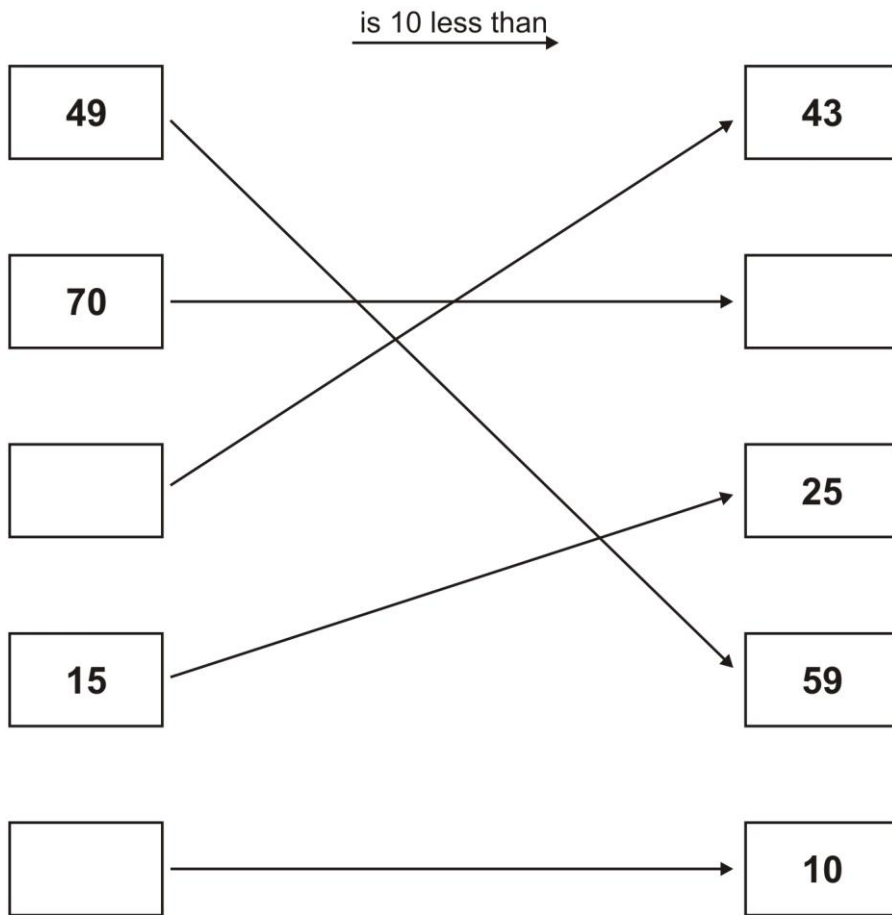
Circle **three** numbers that add to make a **multiple of 10**

11 12 13 14 15 16 17 18 19

1 mark

Q5.

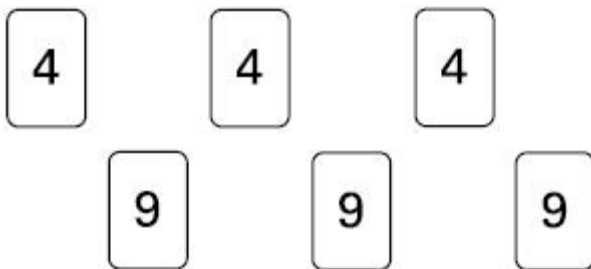
Write the correct numbers in the 3 empty boxes.



2 mark

Q6.

Here are some number cards.



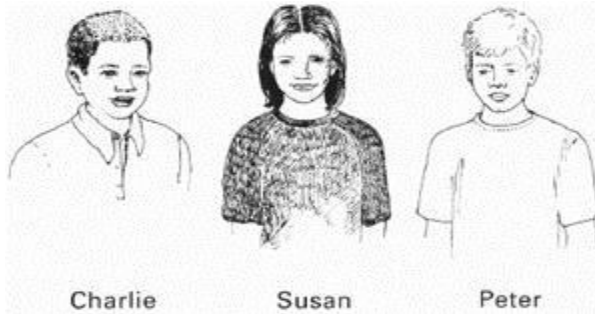
Use **five of the number cards** to make this correct.

$$\begin{array}{r}
 \square \quad \square \quad \square \\
 + \quad \quad \square \quad \square \\
 \hline
 5 \quad 4 \quad 8 \\
 \hline
 \end{array}$$

2 marks

Q7.

Three children start with **50p** each.



Charlie gives Susan **15p**.

How much do **Charlie** and **Susan** each have now?

p	p
Charlie	Susan

1 mark

Peter gives **half** of his 50p to Susan.

How much does **Peter** have left?

p
Peter

1 mark

Q8.

Write in the missing numbers.

$$150 + \boxed{} = 500$$

1 mark

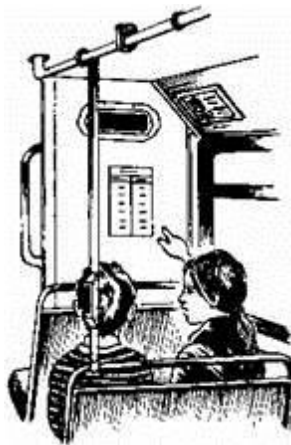
$$172 - \boxed{} = 60$$

1 mark

Q9.

This table shows the increase in bus fares.

1st January	
old fare	new fare
42p	48p
52p	57p
60p	72p
75p	85p
90p	£1.05
£1.20	£1.28



Sohan's **new** bus fare is **72p**.

How much has his bus fare gone up?

1 mark

Millie says,

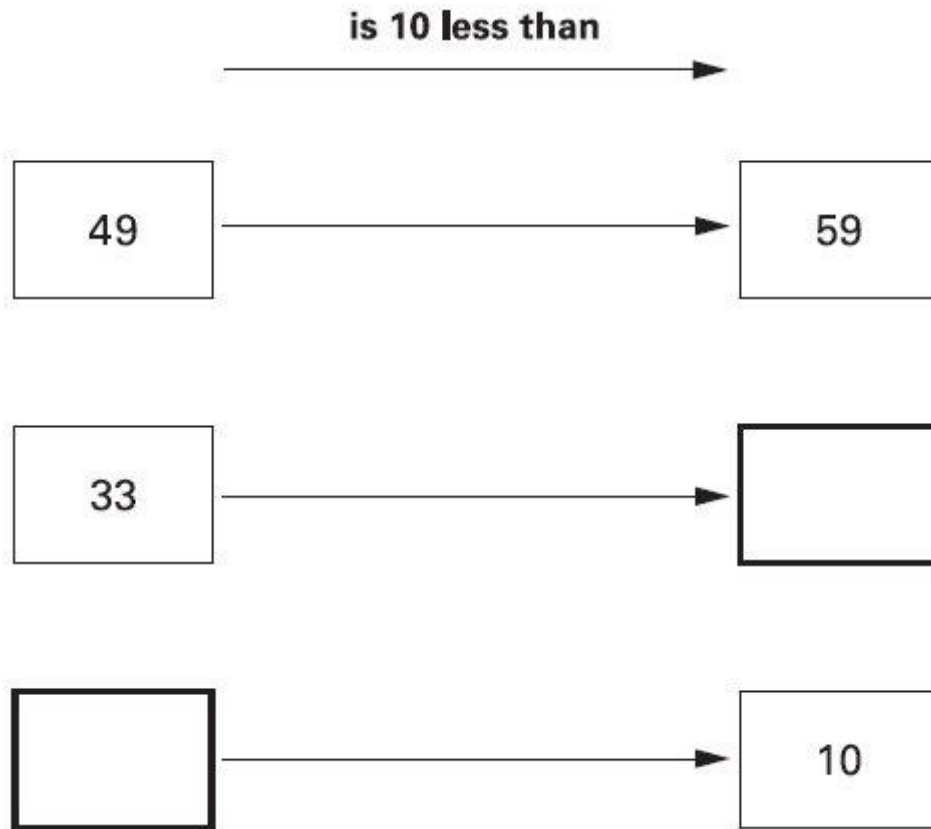
'My bus fare has gone up by 10p'.

How much is Millie's new bus fare?

1 mark

Q10.

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



2 marks

Q11.



Tom and Nadia have 16 cards each.

Tom gives Nadia 12 of his cards.

How many cards do Tom and Nadia each have now?

Tom

Nadia

1 mark

Lucy also has 16 cards.

She gives a quarter of her cards to Kiran.

How many cards does Lucy give to Kiran?

1 mark

Q12.

Each missing digit in these calculations is **2, 5 or 7**.

Write in the missing digits.

You may use each digit more than once.

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

$$\boxed{} \boxed{} \times \boxed{3} = \boxed{} \boxed{}$$

2 marks

Mark schemes

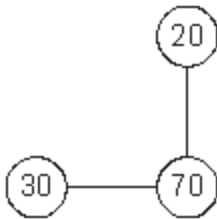
Q1.

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

[1]

Q2.

Diagram completed as shown



[1]

Q3.

11

[1]

Q4.

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]

Q5.

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]

Q6.

Award **TWO** marks for the use of five of the given number cards to complete addition appropriately, ie

$$\begin{array}{r}
 \boxed{4} \boxed{9} \boxed{9} \\
 + \quad \boxed{4} \boxed{9} \\
 \hline
 5 \quad 4 \quad 8
 \end{array}$$

OR

$$\begin{array}{r}
 \boxed{4} \boxed{4} \boxed{9} \\
 + \quad \boxed{9} \boxed{9} \\
 \hline
 5 \quad 4 \quad 8
 \end{array}$$

If the answer is incorrect award **ONE** mark for 9 in the units column of both numbers, ie

$$\begin{array}{r}
 \boxed{x} \boxed{x} \boxed{9} \\
 + \quad \boxed{x} \boxed{9} \\
 \hline
 5 \quad 4 \quad 8
 \end{array}$$

No mark is awarded if digits other than 4 or 9 are used.

Up to 2

[2]

Q7.

Charlie 35 **AND** Susan 65

*Both numbers must be correct and in the correct order.
Accept £0.35 and £0.65*

1

Peter 25

Accept £0.25

1

[2]

Q8.

(a) 350

1

(b) 112

1

[2]

Q9.

(a) 12p

Accept 12 if written outside the answer box.

1

(b) 85p **OR** £0.85

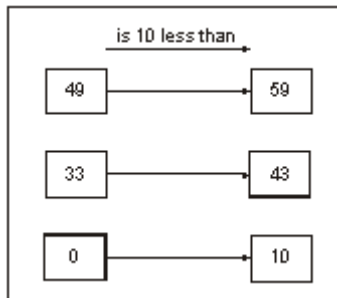
Accept 85 **OR** 0.85 **OR** .85 **OR** £0.85p
OR £.85 **OR** £.85p **OR** £0 85
Do not accept £85p **OR** 0.85p **OR** £85

1

[2]

Q10.

Diagram completed correctly as shown:



[2]

Q11.

(a) Tom Nadia

1

(b) 4

1

[2]

Q12.

(a) + =

1

(b) × =

U1

[2]