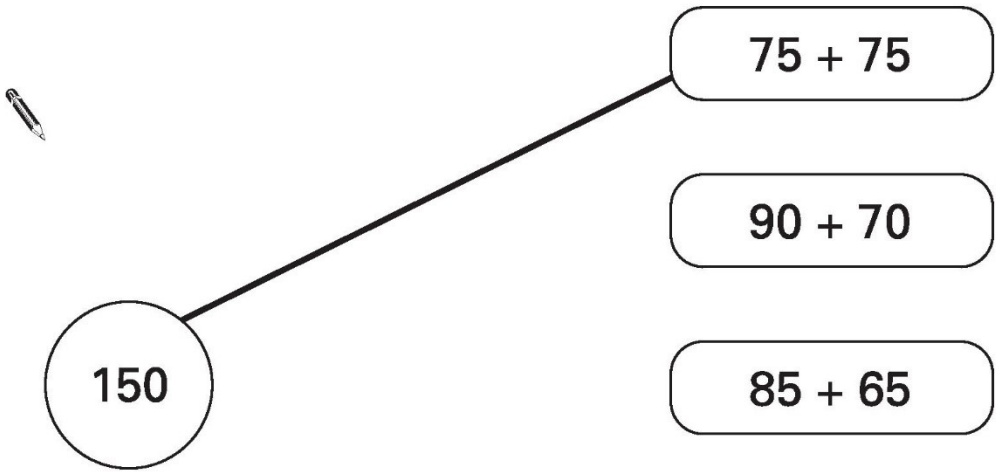
1 Draw lines to join the circle to **two more** number cards which make **150**



1

2 marks

2 Write in the missing numbers.

5 × 70 = ☐

2a

1 mark

4 × ☐ = 200

2b

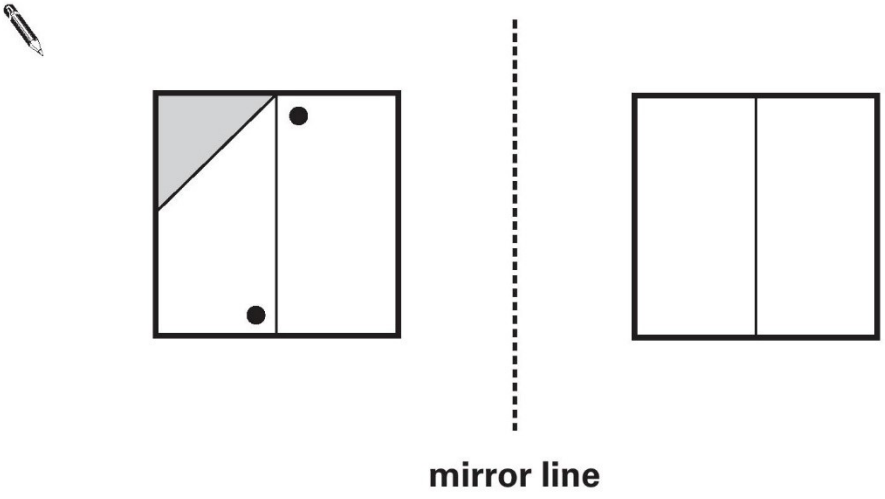
1 mark

3 Here is a square with a design on it.

The square is reflected in the mirror line.

Draw the missing triangle and dots on the reflected square.

You may use a mirror or tracing paper.



3

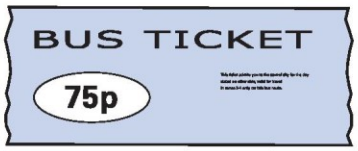
1 mark

Total

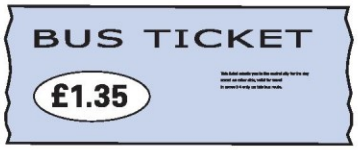
4 Asif, Vicky and Nita go to town by bus.

This is what they pay.

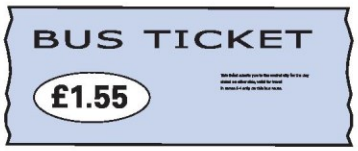
Asif



Vicky



Nita



How much **more** does **Nita** pay than **Asif**?

4a
1 mark

Vicky then takes **another** bus from town to visit her auntie.

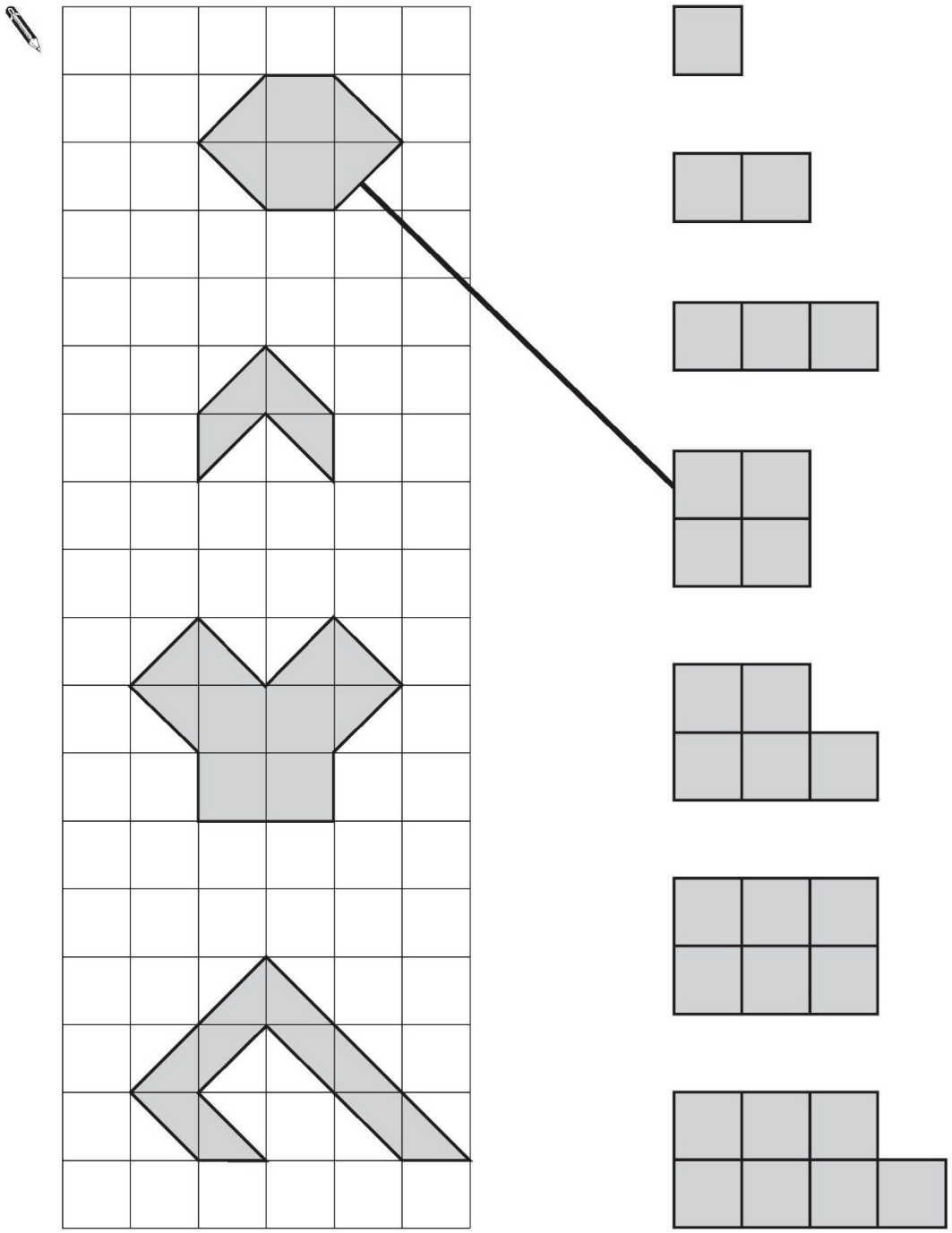
She pays **90p** on this bus.

How much has Vicky paid **altogether** for her two bus tickets?

4b
1 mark

5 Match each shape on the left to one with **equal area** on the right.

One has been done for you.



5

2 marks

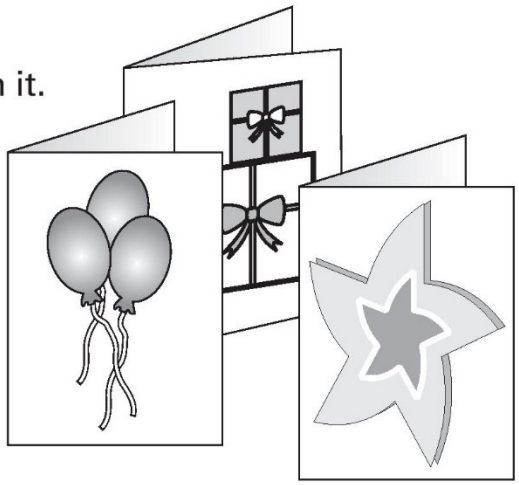
Total

6

A shop sells greetings cards.

Each card has a price code on it.

These are the codes.



code	price
AA	75p
BB	£1.15
CC	£1.55
DD	£1.70
EE	£1.99

Tina buys two cards.

One card has code **AA** on it.
The other card has code **DD** on it.

How much does Tina pay?

£

6a

1 mark

Omar buys a card. He pays with a £2 coin.

He gets 45p change.

What is the **code** on his card?

. . . . . .

6b

1 mark

7 Circle all the **multiples of 8** in this list of numbers.

18 32 56 68 72

7
1 mark

8 Tick (✓) **two** cards that give a **total of 5**

$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$
$3\frac{1}{2}$	$3\frac{3}{4}$	$4\frac{1}{4}$

8
1 mark

9

3 8 9 1

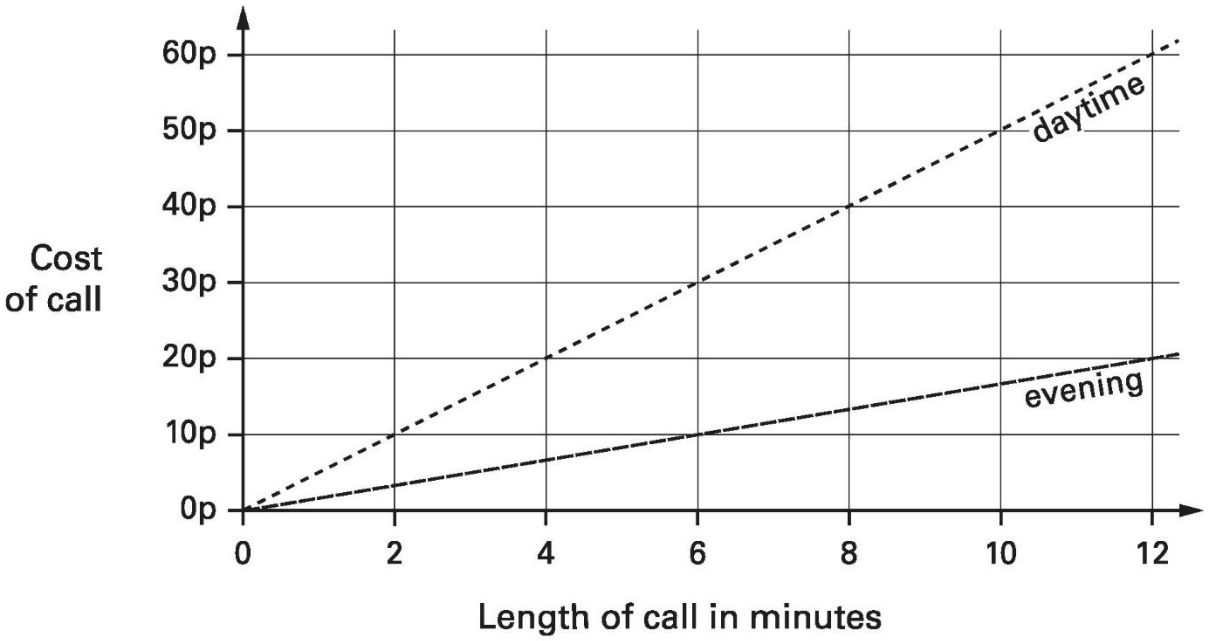
Choose **three** of these number cards to make an **even** number that is **greater than 400**

9
1 mark

Total

10

This graph shows the cost of phone calls in the daytime and in the evening.



How much does it cost to make a **9 minute** call in the **daytime**?

p

10a

1 mark

How much **more** does it cost to make a **6 minute** call in the **daytime** than in the **evening**?

p

10b

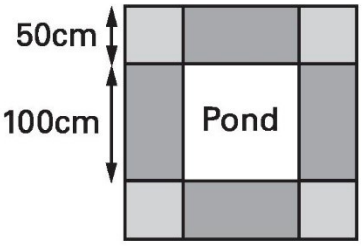
1 mark

11 Mr Singh buys paving slabs to go around his pond.

PAVING SLABS

£1.95 each — Square slabs 50cm by 50cm

£3.50 each — Rectangular slabs 100cm by 50cm



He buys 4 rectangular slabs and 4 square slabs.

What is the total cost of the slabs he buys?

Show your **working**. You may get a mark.

£

11a

2 marks

Mr Singh says,

'It would cost more to use square slabs all the way round.'

Explain why he is correct.

. . . . . .

. . . . . .

. . . . . .

11b

1 mark

Total

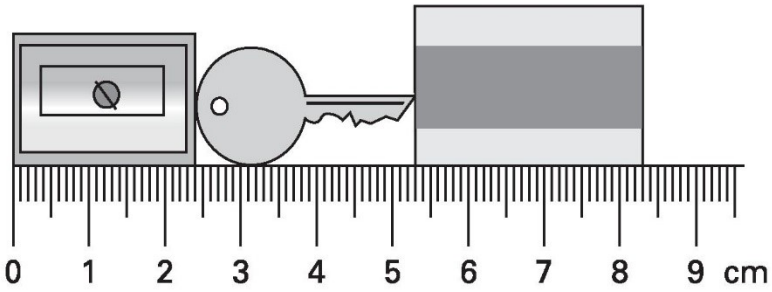
12 Write in the missing digits.

4		4	+	3	8		=	8	5	1

12
1 mark

13 Here are a pencil sharpener, a key and a rubber.

Actual size



What is the length of **all three things** together?

Give your answer in **millimetres**.

mm

13a
1 mark

What is the length of the **key**?

Give your answer in **millimetres**.

mm

13b
1 mark

14 Calculate **417 × 20**

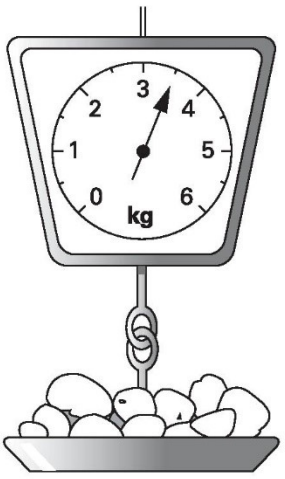
14

1 mark

15 This table shows the weight of some fruits and vegetables.

Complete the table.

	grams	kilograms
potatoes	3500	3.5
apples		1.2
grapes	250	
ginger		0.03



15

2 marks

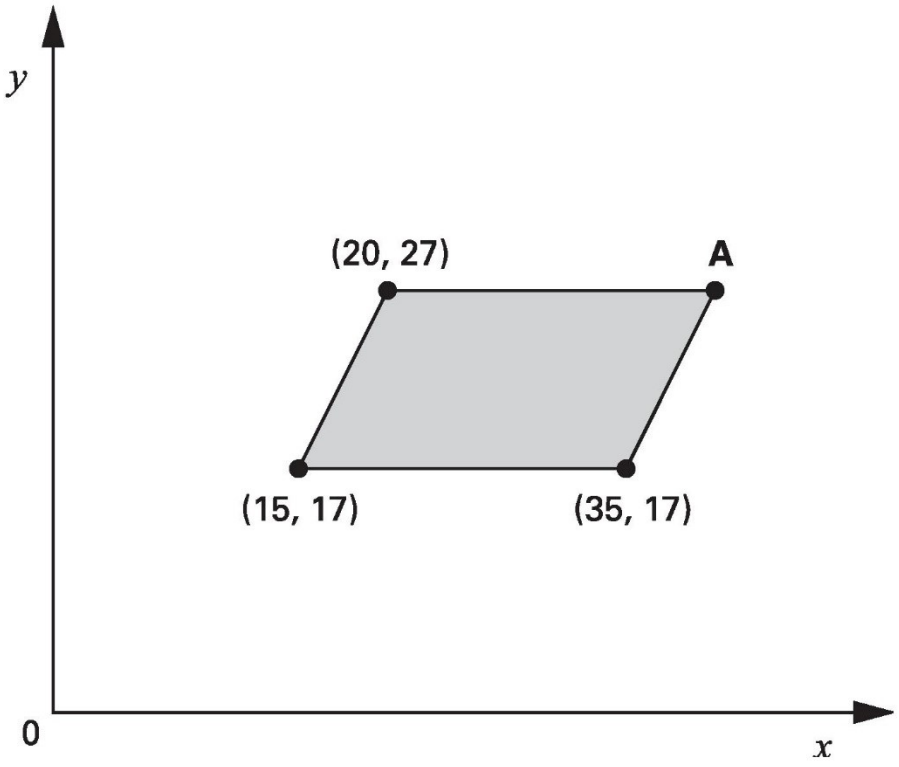
Total

16 Calculate **15.05 – 14.84**

16

1 mark

17 The shaded shape is a parallelogram.



Write in the coordinates of point **A**.

(,)

17

1 mark

18

6 green apples for 75p

10 red apples for 90p

Jason bought some bags of green apples and some bags of red apples.

He spent **£4.20**

How many **bags** of each type of apple did he buy?

Show your **working**. You may get a mark.

☐ **bags** of **green** apples ☐ **bags** of **red** apples

18a

2 marks

Nika and Hassan bought some bags of apples.

Nika says,

'I bought more apples than Hassan, but I spent less money.'

Explain how this is possible.

. . . . . .

. . . . . .

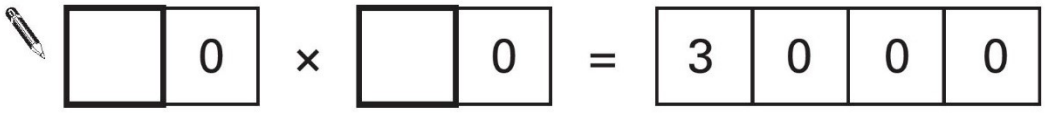
. . . . . .

18b

1 mark

Total

19 Write in the **two** missing digits.



19
1 mark

20 A sequence starts at **500** and **80** is **subtracted** each time.

500 420 340 ...

The sequence continues in the same way.

Write the **first two numbers** in the sequence which are **less than zero**.

20
2 marks

21 Dan has a bag of seven counters numbered **1 to 7**

Abeda has a bag of twenty counters numbered **1 to 20**

Each chooses a counter from their own bag without looking.

For each statement, put a tick (✓) if it is **true**.
Put a cross (✗) if it is **not true**.

Dan is **more likely** than Abeda to choose a **'5'** ☐

They are both **equally likely** to choose **a number less than 3** ☐

Dan is **more likely** than Abeda to choose an **odd number.** ☐

Abeda is **less likely** than Dan to choose a **'10'** ☐

☐ 21

2 marks

22 Calculate **924 ÷ 22**

Show your **working**. You may get a mark.

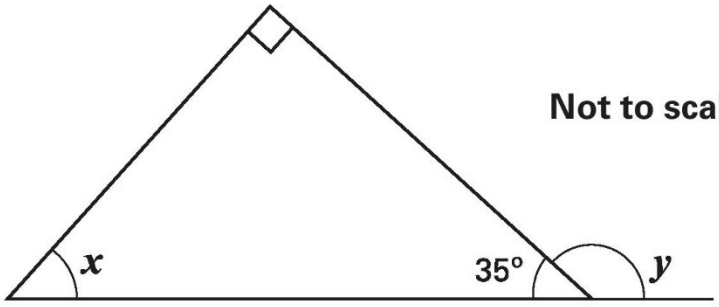
☐

☐ 22

2 marks

Total ☐

23 Look at this diagram.



Not to scale

Calculate the size of angle x and angle y.

Do **not** use a protractor (angle measurer).

$x =$ ☐ °

23a
1 mark

$y =$ ☐ °

23b
1 mark

24 Which is larger, $\frac{1}{3}$ or $\frac{2}{5}$?

☐

Explain how you know.

. . . . . .

. . . . . .

. . . . . .

24
1 mark

Total