

14

This 850ml bottle of squash makes 17 drinks.



How many millilitres of squash are in each drink?

ml

1 mark

15

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

$1 \times 2 \times 3$

$1 + 2 + 3$

$2 \times 2 \times 2$

$2 + 2 + 2$

$1 \times 10 \times 10$

$1 + 10 + 10$

$0 \times 10 \times 10$

$0 + 10 + 10$

2 marks



16

Tick the numbers that round to 28.7

28.07

28.65

28.71

28.75

28.97

1 mark

17

6 divides into 40 with a remainder of 4

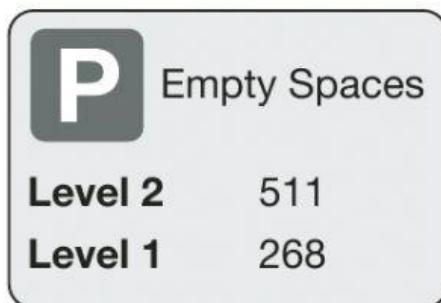
Write **one** other number that divides into 40 with a remainder of 4

1 mark



18

This sign shows the number of **empty spaces** on each level of a car park at 10 am.



In this car park, **each** level has 800 spaces.

What is the total number of cars **parked** in the car park at 10 am?

Show
your
method

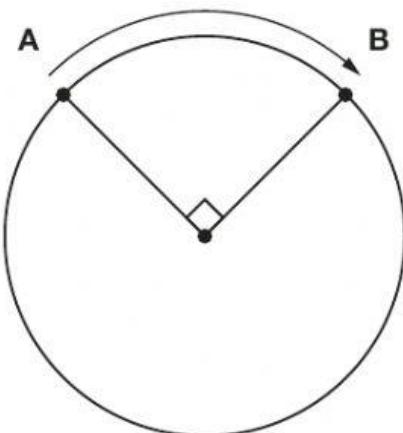
A large rectangular grid for working out the total number of parked cars. A smaller rectangular box is provided for the final answer.

2 marks



19

The **circumference** of this circle is 60 centimetres.



Not
actual
size

What is the distance around the edge of the circle from **A** to **B**?

cm

1 mark



20

There are 432 places at a dance school.

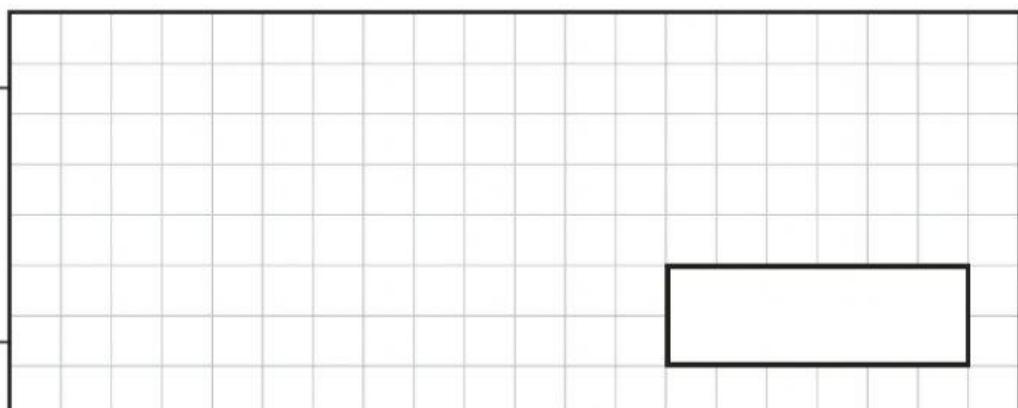
There are two age groups.

This table shows the number of classes and the number of pupils in each class for each age group at the moment.

Age in years	Number of classes	Number of pupils in each class
7–12	15	16
13–18	10	18

How many **more** pupils can join the dance school?

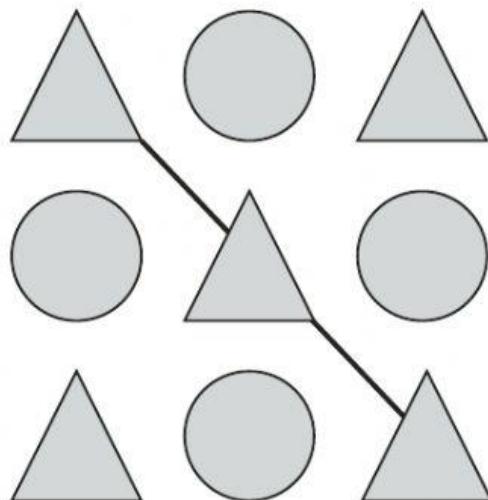
Show
your
method



2 marks



21



Each shape stands for a number.

The total of the shapes on the diagonal line is 48

The total of all the shapes is 200

Calculate the value of each shape.

$$\triangle = \boxed{\quad}$$

1 mark

$$\circ = \boxed{\quad}$$

1 mark



22

You can make green paint by mixing:

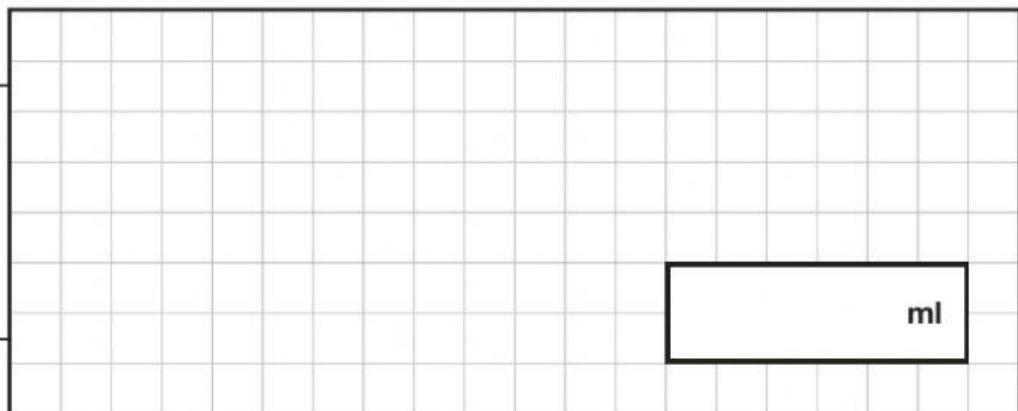
- 250 ml of blue paint
- 1,150 ml of yellow paint.

Stefan wants to make some of this green paint.

He uses 750 ml of **blue** paint.

How much **green** paint does he make?

Show
your
method



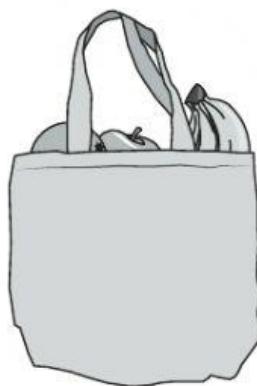
A large rectangular grid for working out the answer. To the right of the grid is a smaller rectangular box with 'ml' written inside it.

2 marks



23

Adam has a bag of fruit that weighs **1.25 kilograms**.



He takes out a banana. Now the bag of fruit weighs **1.1 kg**.

Next, he takes out an orange. Now the bag weighs **920 g**.

How much **more** does the orange weigh than the banana?

Show
your
method

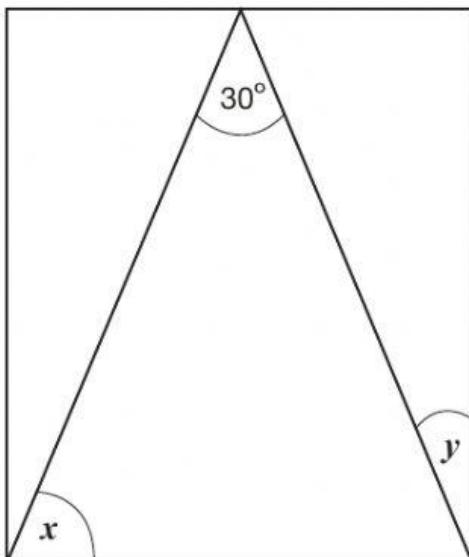
Show your method											
g											

2 marks



24

Here is an **isosceles** triangle inside a rectangle.



Calculate the sizes of angles x and y .

Show
your
method

$$x = \quad ^\circ$$

$$y = \quad ^\circ$$

2 marks

