

12. Kate and Jamie each have some money.

Altogether they have £1.50

Kate gives Jamie 10p so that they both have the same amount.

How much money did each have at the start?



Show your method. You may get a mark.

Kate had p Jamie had p

Numbered cards

Here are four digit cards.



Use all four digit cards to make this sum correct.

 + = 100

Factors

Is 43 a factor of 90?

Is 90 a multiple of 45?


Pie

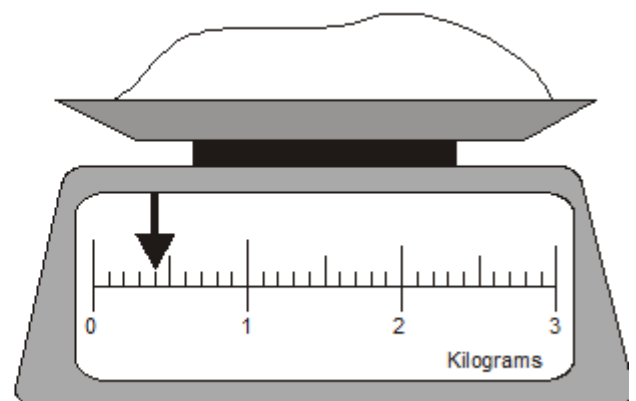
1. Here is some flour on a weighing scale.

How many **grams** of flour are on the scale?

 **grams**

How much more flour must be added to the scale to make 1.6 kg?





Charts

and

graphs

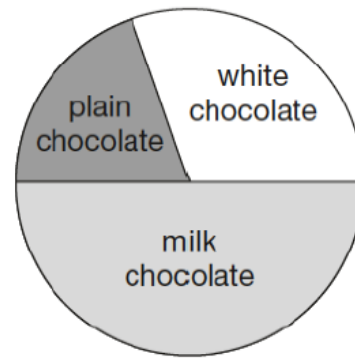
17

120 girls and 70 boys were asked which kind of chocolate they like best.

These two pie charts show the results.



120 girls



70 boys

Dan says,

"The pie charts show that more girls than boys liked milk chocolate best."

Dan is correct.

Explain how you know.

Long multiplication $32 \times 56 =$ $67 \times 67 =$

Percentages – remember to use the bubble for all percentages!

- Emily makes 250 grams of a snack mixture. 15% of the weight is raisins, 25% is banana chips and the rest is peanuts. How many grams of peanuts does she use?



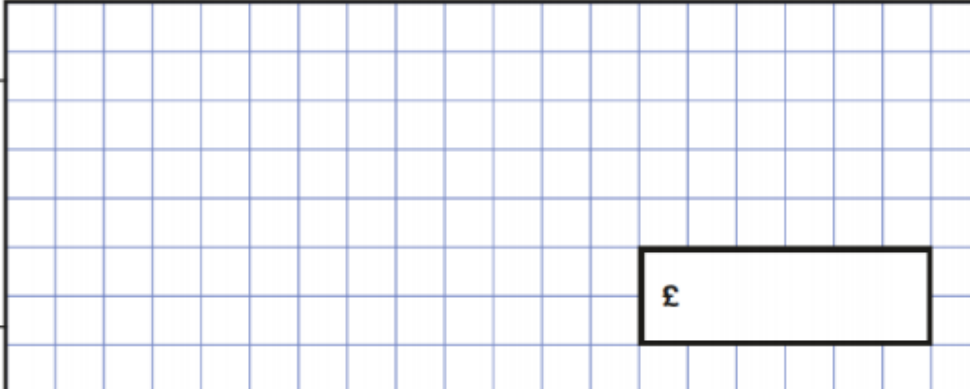
Show your working. You may get a mark.

g

18 One gram of gold costs £29.65

What is the cost of half a kilogram of gold?

Show your method



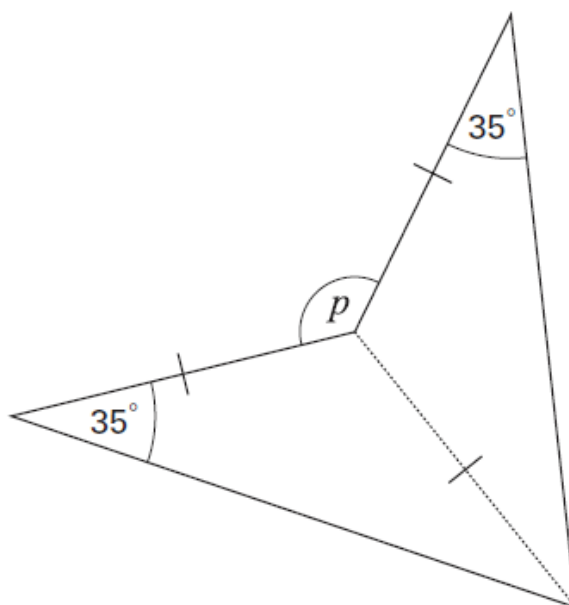
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Triangles

16

This shape has been made from two congruent **isosceles** triangles.

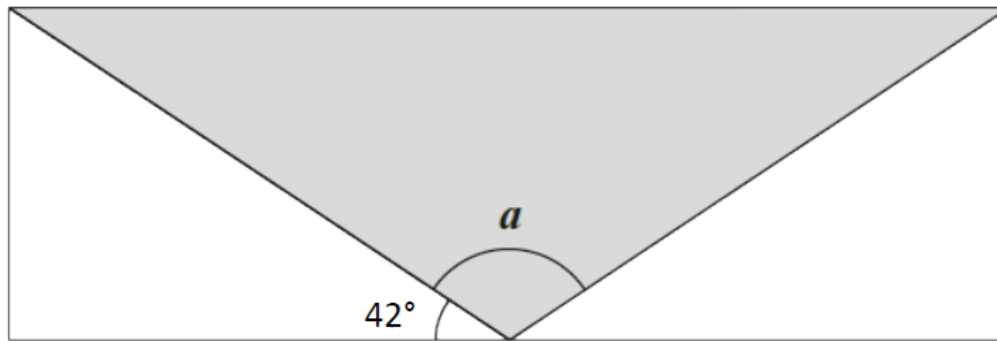
[Extra]



Not drawn accurately

What is the size of angle p ?

- 14 A shaded isosceles triangle is drawn inside a rectangle.



Not to scale

Calculate the size of angle a .

Show your method

a is °

Use known facts

If I know $2 \times 5 = 10$, complete these :

$$0.2 \times 5 =$$

$$2 \times 0.05 =$$

Time

What is **413** minutes in hours and minutes?

hours

minutes

