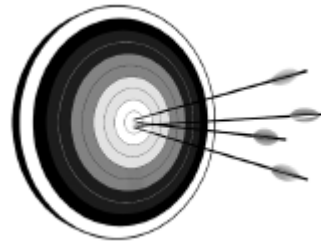


**Q1.**

Archery is an Olympic sport.



In 2008, two archers called Park and Zhang were in the women's final.

Both archers shot **12 arrows**.

**Zhang won** the final **by 1** point.

Complete the table for Zhang below.

You can use the space to show your calculations.

Show your method

Name of archer: <b>Park</b>		Name of archer: <b>Zhang</b>	
What she scored with her <b>12 arrows</b>		What she scored with her <b>12 arrows</b>	
Number of points	Frequency	Number of points	Frequency
7	0	7	1
8	4	8	0
9	3	9	
10	5	10	

2 marks

**Q2.** A farmer has £1200 to buy apple trees and pear trees.

Apple trees cost £24.75 each.

Pear trees cost £12.50 each.

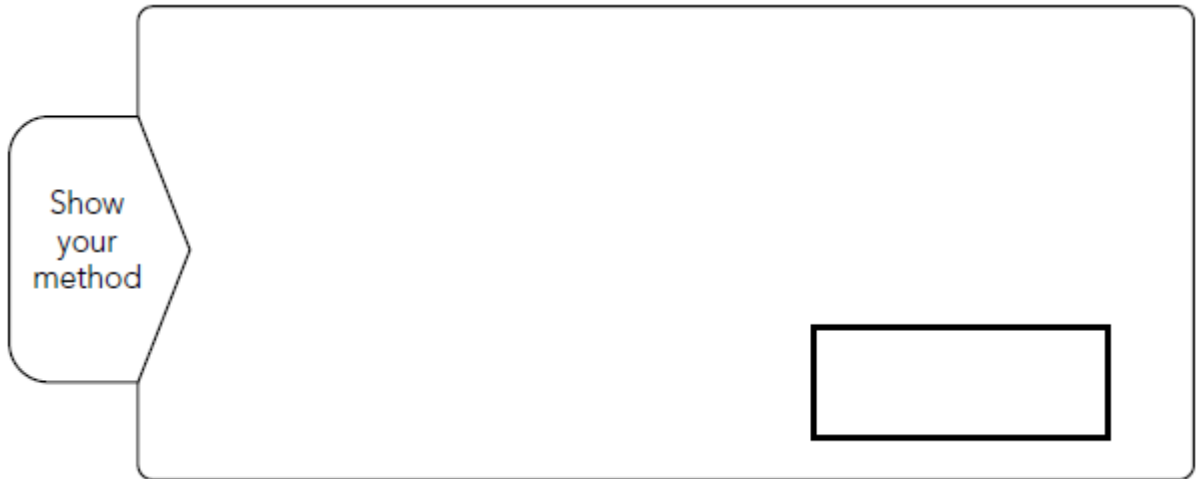


He buys 35 apple trees.

How many pear trees can he buy with the money he has left?

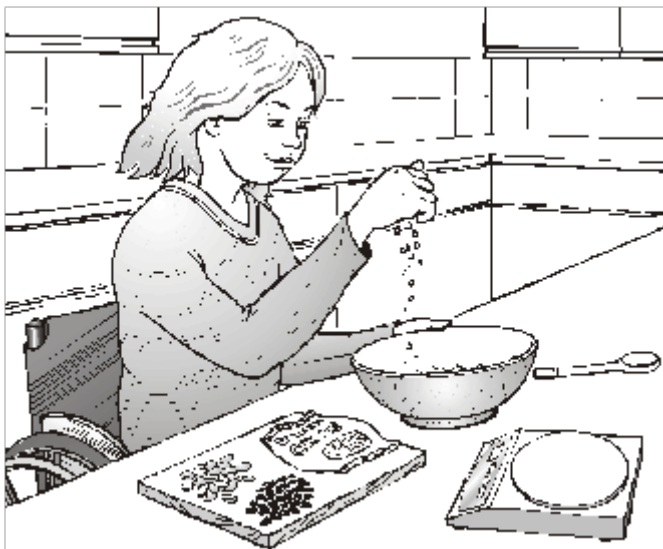


Show your method



2 marks

Q3.



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



2 marks

**Q4.**



The cost for using a minibus is £1.36 for each kilometre.

8 friends go on a 114 kilometre journey.

They share the cost equally.

How much does each person pay?



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

£

2 marks

**Q5.** A packet contains **1.5 kilograms** of guinea pig food.

Remi feeds her guinea pig **30 grams** of food each day.



How many days does the packet of food last?

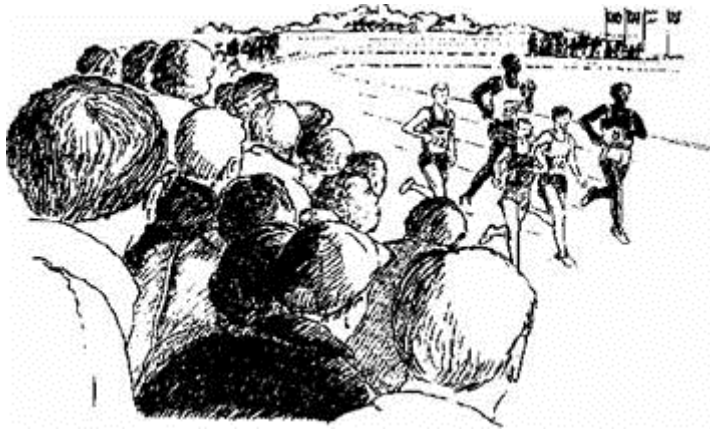


Show your **working**.  
You may get a mark

days

2 marks


Q6.



**2753** people go to a sports event.

Each person pays **£2.30** for a ticket.

What is the **total** amount of **ticket money** collected?




1 mark


Programmes cost **65p** each.

The total money from programme sales is **£612.95**

How many programmes are sold?



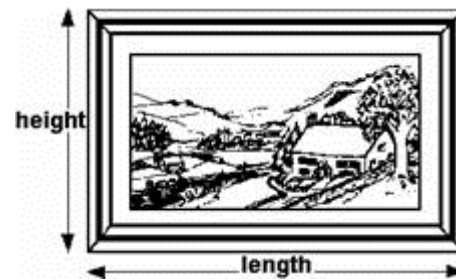
Show  
your **working**.  
You may get  
a mark



2 marks

**Q7.** Here are some picture frame sizes.

<b>height in cm</b>	10	12	14	16
<b>length in cm</b>	16	20	24	28



For each frame, the length is **twice** the height, **subtract 4**.

What is the **length** of a frame which has a **height** of **36cm**?

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

cm

2 marks

For each frame, the length (**L**) is **twice** the height (**H**), **subtract 4**.

Write this in symbols.

L =

2 marks

A **new** frame has its length **twice** its height.  
It is made with 126cm of wood.

What is the **length** of this frame?



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

cm

2 marks