

Q1. The table shows information about 80 shirts in a shop.

	slim	tailored	regular	classic
grey	2	6	7	4
blue	8	5	9	5
purple	1	3	4	10
white	11	0	2	3

(a) How many of the shirts are **white slim**?

Answer .....

(1)

(b) What fraction of the 80 shirts are **purple classic**?  
Give your answer in its simplest form.

.....  
.....

Answer .....

(2)

(c) How many of the shirts are **tailored**?

.....

Answer .....

(1)

(d) How many of the **blue** shirts are **slim or regular**?

.....

Answer .....

(1)

(Total 5 marks)

**Q2.** Five friends want to raise at least £200 altogether for charity.  
The pictogram shows how much they each raise.

Key:  represents £10



(a) Do they reach their target of £200?  
Tick a box.

Yes

No

You **must** show your working.

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- (b) Sam raises £70 for the charity.  
His father adds 25% to this.

Work out 25% of £70

.....  
.....

Answer £ .....

(2)  
(Total 6 marks)

**Q3.**A band played 20 concerts in five continents.

Continent	Tally	Frequency
Africa		
Asia		
Europe	-	
North America		
South America		
		<b>Total = 20</b>

- (a) Draw a fully labelled bar chart to show this information.



(4)

- (b) What fraction of the 20 concerts were in South America?  
Give your answer in its simplest form.

.....

Answer .....

(2)  
(Total 6 marks)

**Q4.80** people were asked if they own a car.  
The table shows some of the information.

	Yes	No	Total
Women	18		35
Men	33	12	
Total			80

(a) How many men said yes?

Answer .....

(1)

(b) Complete the table.

(3)  
(Total 4 marks)

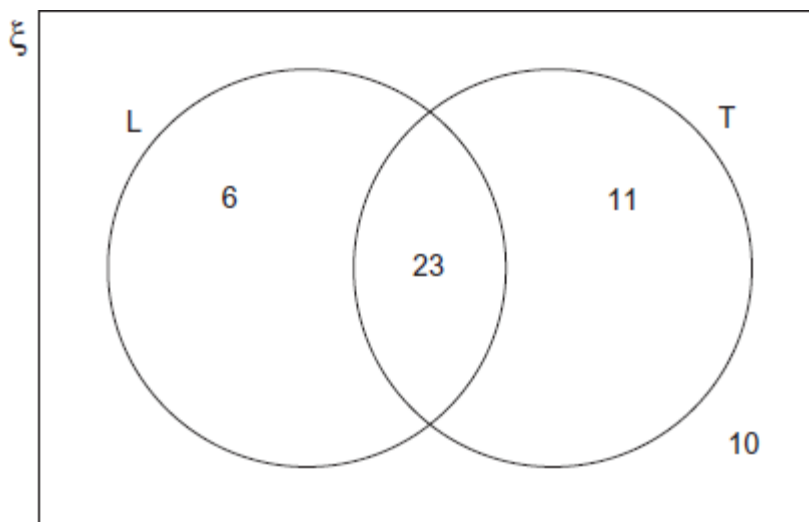
**Q5.**

Here is a Venn diagram.

It shows information about the number of students who have a laptop or a TV.

Set L represents students with a laptop.

Set T represents students with a TV.



There are 50 students altogether.

A student is chosen at random.

(a) Work out the probability that the student has a laptop.

Answer .....

(1)

- (b) Work out the probability that the student has a laptop **and** a TV.

Answer .....

(1)

- (c) Complete the sentence to make it true.

The probability that the student

.....

..... is  $\frac{11}{50}$

(1)

(Total 3 marks)