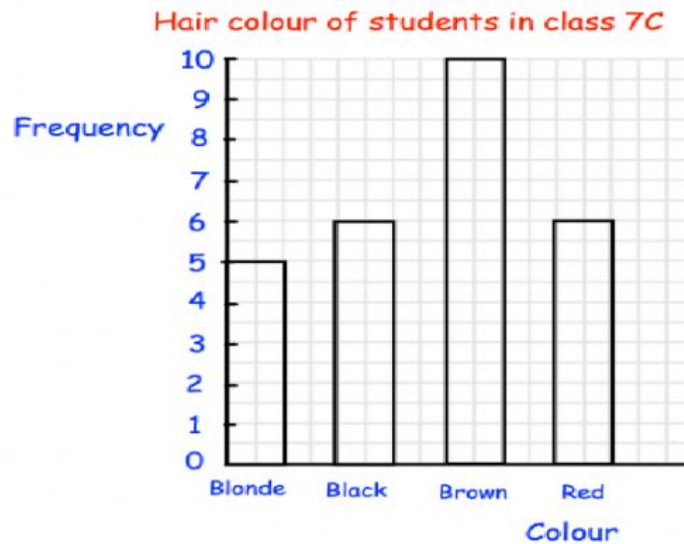


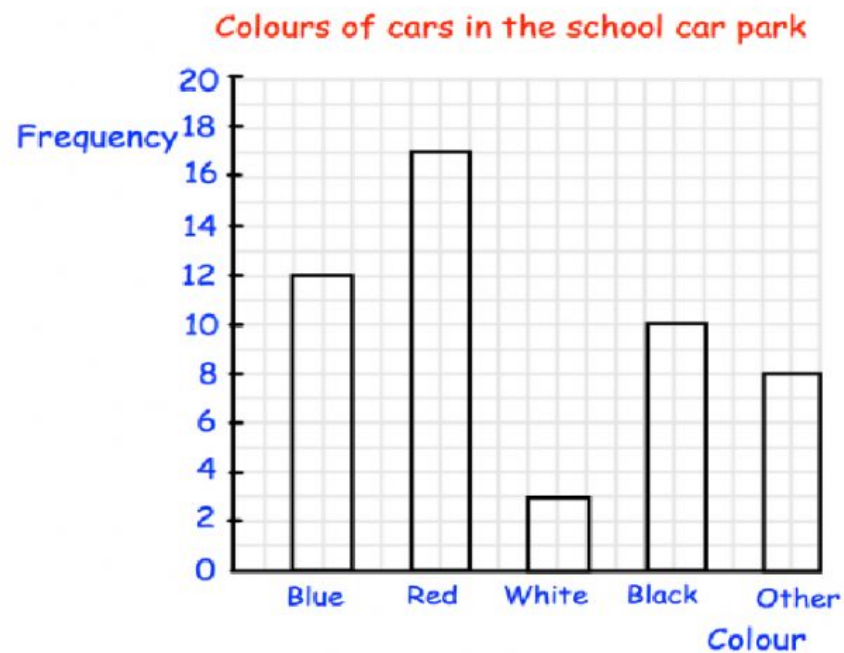
BAR CHART GRADE 8

1. The bar chart shows information about the hair colour of students in 7C. (5mks)



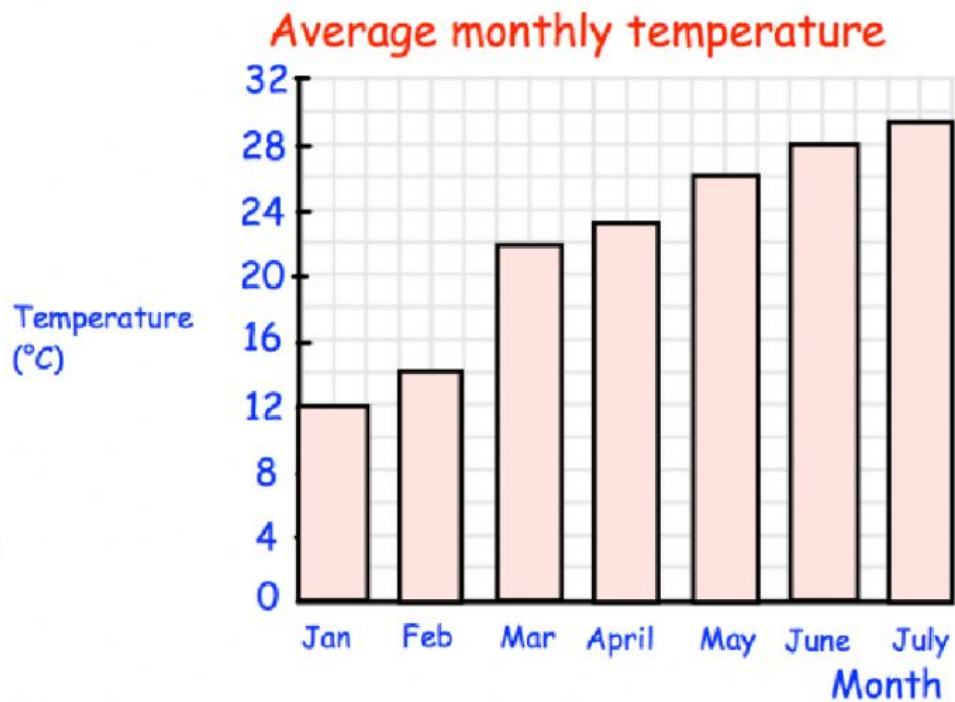
- (a) What is the most common hair colour in 7C?
- (b) How many students had black hair?
- (c) What hair colour is the least popular in 7C?
- (d) How many more students had brown than red hair?
- (e) How many students are in 7C?

2. Nicole asked recorded the colours of cars in a car park She then drew a bar chart to show the results.(6mks)



- (a) What is the most common colour of car?
- (b) How many cars were blue?
- (c) How many cars were white?
- (d) How many more cars were red than black?
- (e) Why do you think there is a bar called "other?"
- (f) How many cars were in the car park?

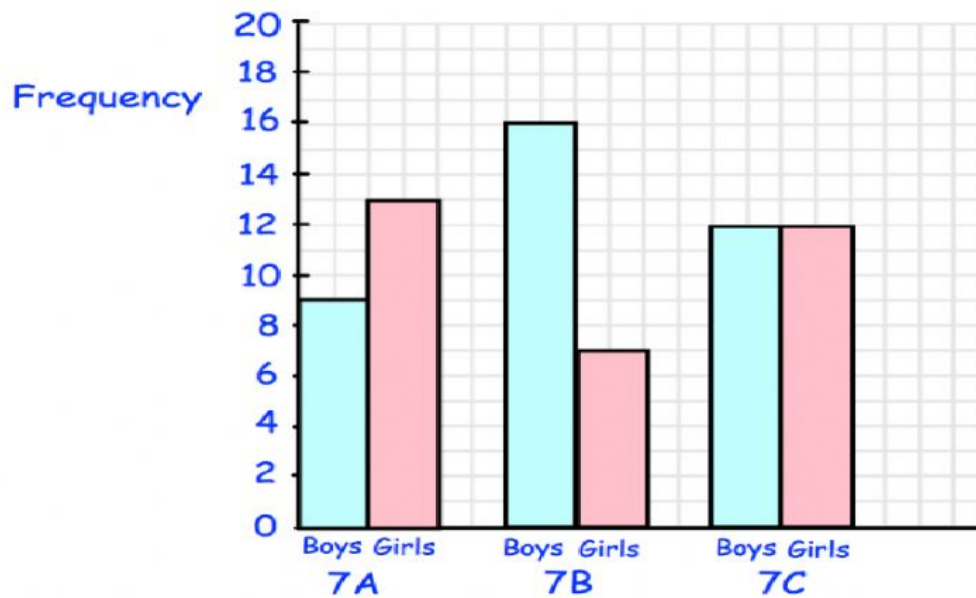
3. The bar chart shows information about the average temperature on an island (4mks)



- (a) What was the average temperature in March?
- (b) Which month had an average temperature of 26°C?
- (c) What is happening to the average temperatures between Jan and July?
- (d) Between which two months was there the greatest rise in temperature?

4The dual bar chart shows information about the number of boys and girls in three tutor groups, 7A, 7B and 7C. (9mks)

Number of boys and girls in 7A, 7B and 7C

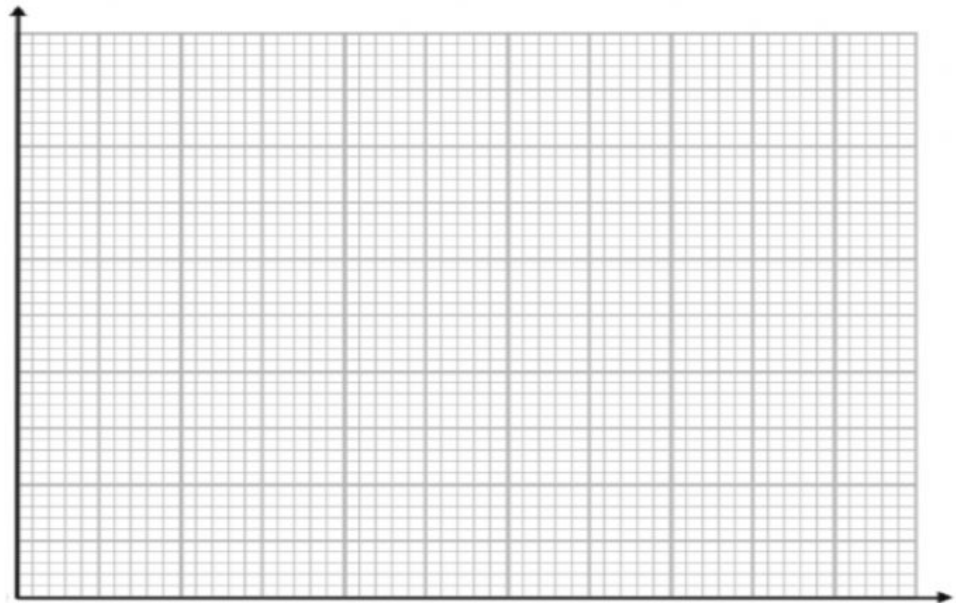


- (a) How many boys are there in 7B?
- (b) Which tutor group has 12 girls?
- (c) Which tutor group has more girls than boys?
- (d) Which tutor group has the same number of boys and girls?
- (e) Which tutor group has the most students?
- (f) How many more girls than boys are there in 7A?
- (g) How many boys are there in Year 7?
- (h) How many students are there in Year 7?
- (i) Are there more boys or girls in Year 7?

5. Below is a frequency table of a survey of the masses of some people(6mks)

Mass, kg	Frequency
$40 \leq m < 50$	8
$50 \leq m < 60$	14
$60 \leq m < 70$	20
$70 \leq m < 80$	16
$80 \leq m < 90$	10

a) Draw a bar chart to represent this information.



b) How many people were surveyed in total?

c) How many more people were in $60 \leq m < 70$ than $50 \leq m < 60$?