Complete in your notebooks please :)

Question #1 complete the table

Fractions/ Decimals/ Percentages			
Fraction	Reduced Fraction	Decimal	Percent
			34%
22.2/100			
		0.72	
			44.4%
	1/5		

Question #2

From a school of 400 students, a random sample of 60 students was selected. 13 were found to have blue eyes.

a How many are in the population?
b How many are in the sample?
c What fraction of the sample has blue eyes?
d Estimate how many in the population have blue eyes.

You must know the difference between a population and a sample.

Question #3

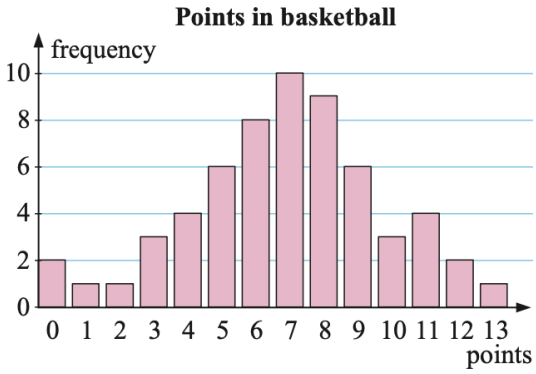
1 **a** Complete a frequency distribution table for the number of children in 30 families:
0, 4, 6, 2, 1, 3, 2, 4, 0, 2, 1, 2, 5, 0, 2, 3, 1, 4, 2, 1, 2, 4, 3, 3, 0, 4, 5, 2, 2, 4.

b Use your table to find the:
i number of families with two children
ii fraction of families with three children.

Question #4

3 The given graph shows the number of points scored by a basketballer over a 60-match period.

- **a** What point score occurred most frequently?
- **b** On how many occasions were 10 or more points scored?
- **c** In what percentage of matches were fewer than 5 points scored?



Question #5

3 Which do you think is the best measure of the 'middle'; the mean, mode or median of 1, 2, 1, 1, 3, 1, 4, 1, 2, 1, 9, 11? (Find each of these measures first.)

(Find the mean, median and mode of those numbers and explain which measure of the middle represents that data best)

Question #6

5 The ages of the employees of International Sports Coaching Clinics are given below:

23, 18, 29, 31, 25, 24, 17, 33, 22, 20, 21, 25, 16, 34
21, 23, 22, 27, 28, 30, 28, 19, 20, 22, 22, 21, 27, 26

- **a** Draw a stem-and-leaf plot of the data.

Scroll for last question

Question #7 - Pie Graphs, complete the table, you don't need to draw the pie graph, just know how to calculate segments

Fractions/ Decimals/ Percentages			
Grade on Test	Number of students	Total frequency /50	Degrees of circle
A	8	8/50=0.16	0.16x360=57.6
B	21		
C	12		
D	5		
E	4		