

## Non Calculator Section:

If working is not shown for this section then no marks will be awarded.

a) 145.6 + 4251.71

1.

b) 455 ÷ 4

300 girls voted for their favourite magazine.
 The results are shown in the pie chart.

How many girls voted for: (a) Cosmo (b) Popstar!



c) 126 ÷ 30

3. A class of pupils were asked to name their favourite school subject. The results (in no particular order) are as follows:

P.E.	Music	Music	P.E.	Science	Maths	Maths	Geography	P.E.	Maths
Maths	P.E.	P.E.	Music	Geography	P.E.	Music	Science	Maths	P.E.
Science	Maths	P.E.	P.E.	Science	Maths	P.E.	Geography	Music	Science

- (a) Make a frequency table to show the results.
- (b) Draw and label a neat bar graph of the results.
- 4. The points awarded by judges at a gymnastics competition are:-

7.2	8.4	7.9	9.3	8.2	7.7	8.1	8.8	8.2

- (a) Find the mean points awarded.
- (b) What was the modal score?
- (c) Find the median number of points.
- (d) How many marks below the mean was the lowest score?
- (e) How widely spread are the marks?
- (f) Draw and label a neat stem and leaf diagram of the scores.
- A box of chocolates contains 4 white, 6 dark and 20 milk chocolates.
  What is the probability that the first chocolate chosen at random will be:-

(a) dark chocolate	(b) milk chocolate	(c) <b>not</b> white chocolate
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<b>Revis</b> Solve	tion Section: these equations:-	
6.	(a) 5x + 6 = 36	(b) 10y - 12 = 6y + 24
7.	Multiply out the bracket (a) 7(x + 3) -10	and simplify:-