Pie chart and Bar chart

1) 120 girls were asked to give their favourite subject chosen from their class timetable. The table below was obtained

Subject	Business	Mathematics	French	Spanish	Science	English
No. of Students	20	32	24	16	16	12

a) Draw a bar chart to show the information given
b) Draw a pie chart to represent the information

2) The table below shows the number of graduates by subject from a school in 1996

Subject	Mathematics	English B	Arts	Science	History
No. of Graduates	27	45	57	36	15

a) Calculate the number of students who graduated
b) Determine the sector angle of each subject
c) Hence construct a pie chart of radius 4cm to represent the information given in the table above