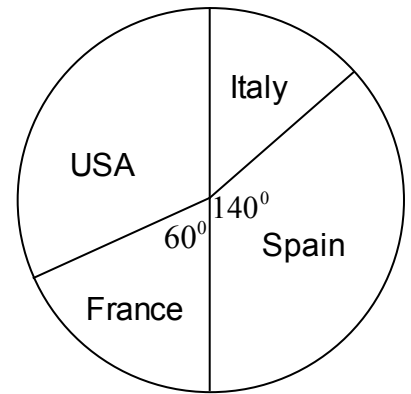


## Pie Charts

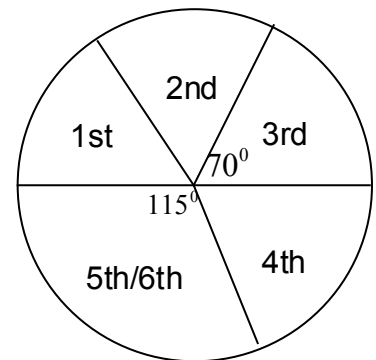
1. Globesun is a travel company. Last year's income from holidays to France, Spain, Italy and the USA are shown in the pie chart opposite. Income from these holidays totalled £12 000 000.

- (a) How much income did they get from holidays to France?
- (b) How much did they get from holidays to Spain?



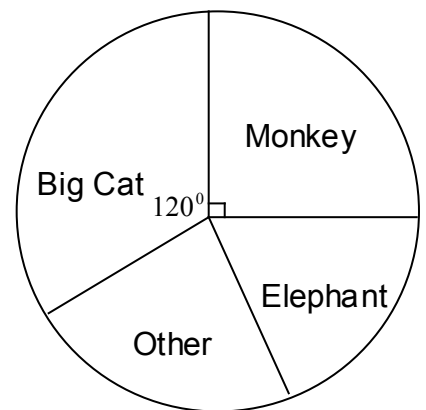
2. Glendale High School has a roll of 1800 pupils. The number of pupils in different years is given in the pie chart shown.

- (a) How many pupils are in 3<sup>rd</sup> year?
- (b) How many pupils are in 5<sup>th</sup> or 6<sup>th</sup> year?



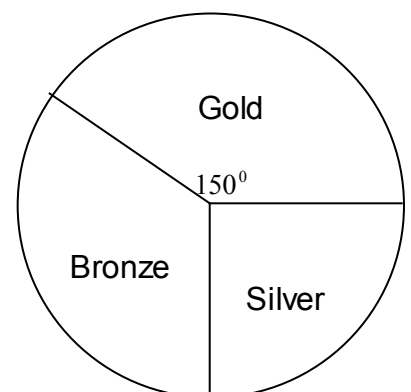
3. 240 school pupils are asked to choose their favourite type of zoo animal. The results are shown in the pie chart.

- (a) How many people chose monkeys?
- (b) How many people chose big cats?



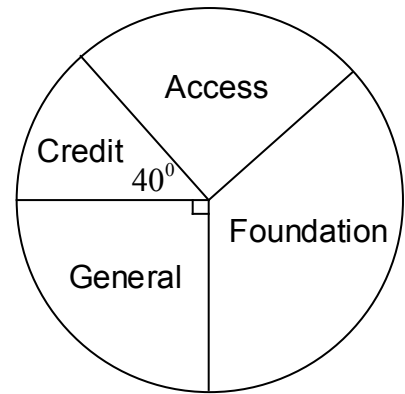
4. At an athletics competition, Marathon Harriers won 60 medals of different types. The pie chart shows the types of medal won?

How many gold medals did they win?



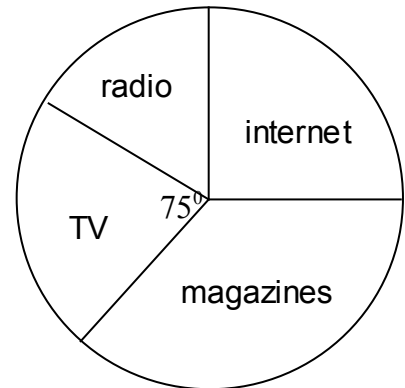
5. Last year 180 4<sup>th</sup> year pupils at Hollyside Academy sat national exams in Maths. The results are shown opposite.

- (a) How many pupils sat Credit Maths?
- (b) How many pupils sat general Maths?



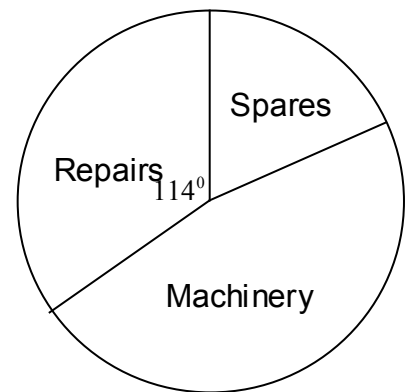
6. A computer games company spends £24 000 000 on advertising. The company advertises in magazines, on radio, on the internet and on television. The pie chart shows the breakdown of the costs.

How much of their advertising budget is spent on television adverts?



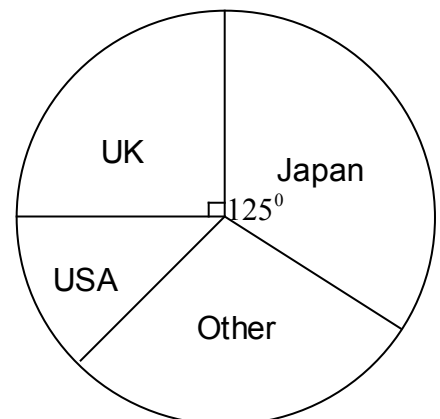
7. The pie chart shows how an agricultural company spent £52 000 000 in one year on machinery, repairs and spare parts.

How much did the company spend on repairs?  
Give your answer to the nearest million pounds.



8. A survey of 2000 cars was carried out into their place of origin. The results are shown opposite.

- (a) How many of the cars surveyed came From the UK?
- (b) How many cars came from Japan?



9. The grades obtained 150 pupils in a Higher English exam are given in the table.

Grade	No. of pupils
A	22
B	30
C	55
D	24
Fail	19

Draw a pie chart to illustrate this information.

10. 600 people are surveyed on the mode of transport they use to get to work. The table shows the results.

Mode	No. of people
Train	90
Bus	120
Car	300
Cycle	30
Walk	60

11. In a local election there were 2160 votes cast. The votes gained by each party are given in the table opposite.

Party	Votes
Labour	624
Conservative	318
Lib. Dem.	330
SNP	660
Other	228

12. The length of time patients wait in a doctor's surgery is recorded. The results are shown opposite.

Time (minutes)	No. of people
Less than 10	42
11 to 20	26
21 to 30	16
Over 30	6

13. 2400 people take part in a marathon. The times for the competitors are shown in the table.

Time(hours)	No. of competitors
Under 2½	240
2½ to 3	660
3 to 4	1260
Over 4	240