

Pie Charts

1. A group of 120 children were asked to name their favourite flavour of ice cream. The results are shown opposite.

Show this information in a pie chart.

Flavour	No. of pupils
Strawberry	22
Raspberry	17
Chocolate Chip	46
Vanilla	35

2. During a traffic survey police stopped 270 motorists and checked their vehicles for faults.

The results are shown.

Draw a pie chart of the results.

Fault	No. of vehicles
Bald tyres	96
Exhaust problem	24
Broken lights	108
No Road Tax	18
Other	24

3. The table below shows the types of house a group of people live in.

Draw a pie chart to illustrate these results.

Type of house	No. of people
Flat	48
Detached	32
Semi-detached	28
bungalow	12

4. The number of pupils in different years at Hillside secondary are shown opposite.

Show this information in a pie chart.

Year	No. of pupils
S1	156
S2	164
S3	210
S4	202
S5/6	128

5. The grades in a higher Maths exam obtained by a group of 72 pupils are shown.

Illustrate using a pie chart.

Grade	No. of pupils
A	17
B	19
C	16
D	4
Fail	16

6. A survey was carried out to find the favourite type of film of Scottish filmgoers.

The results are shown opposite.

Show these results in a pie chart.

Genre	No. of people
Horror	264
Romance	92
Action	188
Comedy	321
Other	85

7. The costs of a small printing firm are detailed opposite.

Draw a pie chart to show these costs.

Cost	Amount(£)
Wages	112 000
Raw materials	22 000
Electricity	16500
Taxes	37500

8. The favourite cartoon programmes of 480 children are given in the table.

Draw a pie chart to show this information.

Cartoon	No. of children
The Simpsons	266
Family Guy	66
South Park	90
Futurama	30
Other	28

9. A sample of shoppers were asked which brand of washing up liquid they used.

The results are shown opposite.

Construct a pie chart for this information.

Brand	No. of shoppers
Dazzle	320
Lemonfresh	540
Cyclon	190
Supaclean	350

10. The favourite holiday destinations given in a survey of 1024 Scottish citizens are shown.

Illustrate in a pie chart.

Destination	No. of people
France	255
Spain	345
Italy	110
USA	200
Other	114