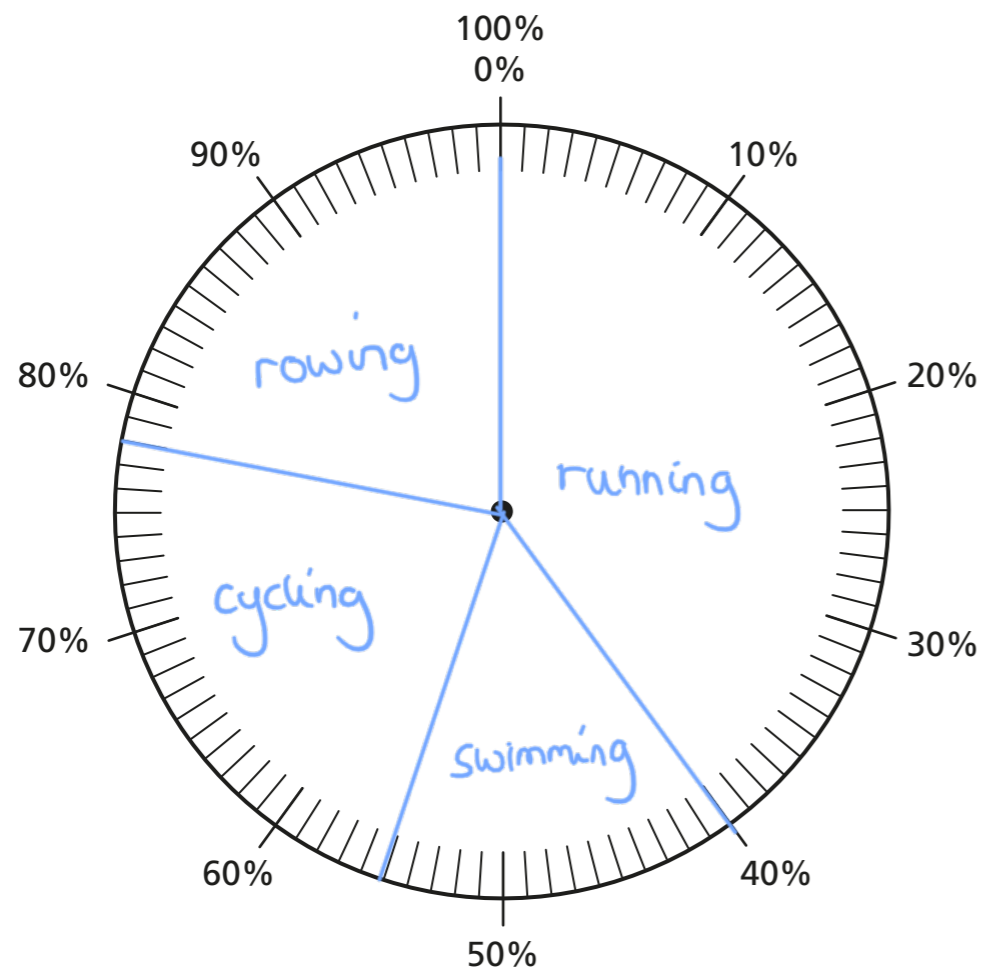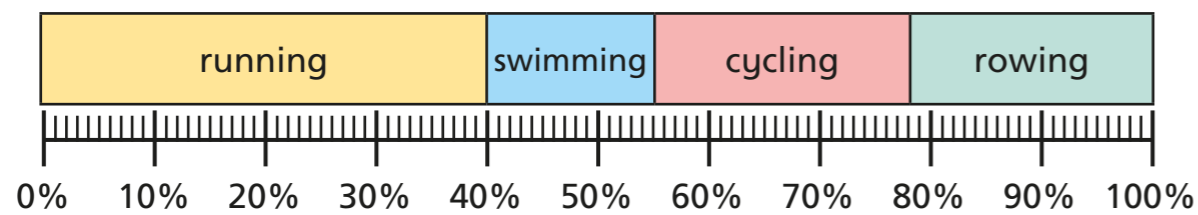# Draw pie charts

1 Members of a leisure club were asked which was their favourite sport.

The results are shown in the percentage bar model.

Complete the pie chart to represent the data.

running	swimming	cycling	rowing

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

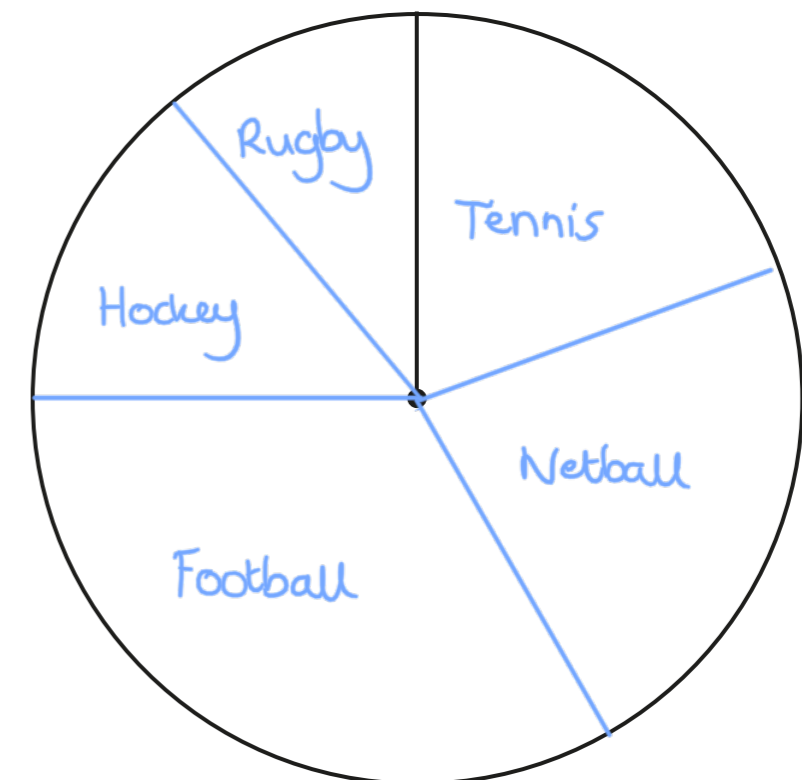**2** Year 6 children were asked which sport they liked best.

The table shows the results.

a) Complete the table to show the number of degrees in each sector of a pie chart.

Sport	Number of children	Number of degrees
Tennis	7	7 × 10 = 70°
Netball	8	80°
Football	12	120°
Hockey	5	50°
Rugby	4	40°
Total	**36**	**36 × 10 = 360°**

b) Draw a pie chart to represent the data.

Clearly label your pie chart.

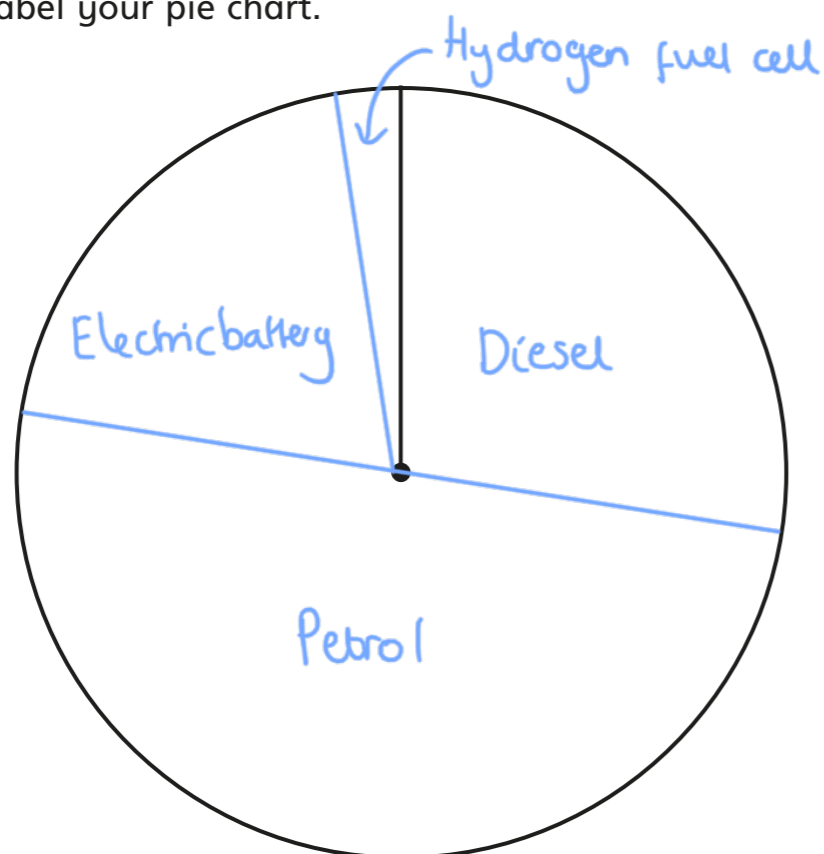**3** A garage recorded the different types of car they worked on in one day.

The results are shown in the table.

a) Complete the table to show the number of degrees in each sector of a pie chart.

Fuel type	Frequency	Number of degrees
Diesel	11	99°
Petrol	20	180°
Electric battery	8	72°
Hydrogen fuel cell	1	9°
Total	**40**	40 × [9] = 360°

b) Draw a pie chart to represent the data.

Clearly label your pie chart.

4 The table shows the meal choices of the customers in a restaurant one lunchtime.

a) Complete the table.

Meal choice	Frequency	Number of degrees
Meat	20	120°
Fish	16	96°
Vegetarian	13	78°
Vegan	7	42°
Gluten free	4	24°
Total	**60**	**360°**

b) Draw a pie chart to represent the data.

Clearly label your pie chart.