

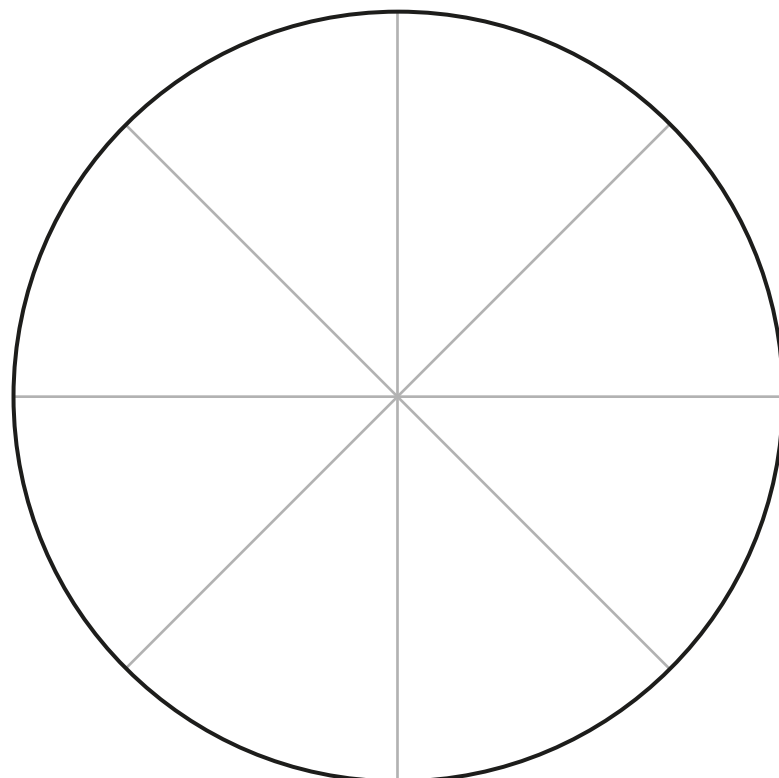
Draw pie charts

1 40 children were asked to name their favourite fruit.

a) Complete the table of results.

| Fruit | Number of children | Fraction of total |
|--------------|--------------------|-------------------|
| apple | 10 | |
| banana | 5 | $\frac{1}{8}$ |
| orange | 15 | |
| pear | | |
| Total | 40 | |

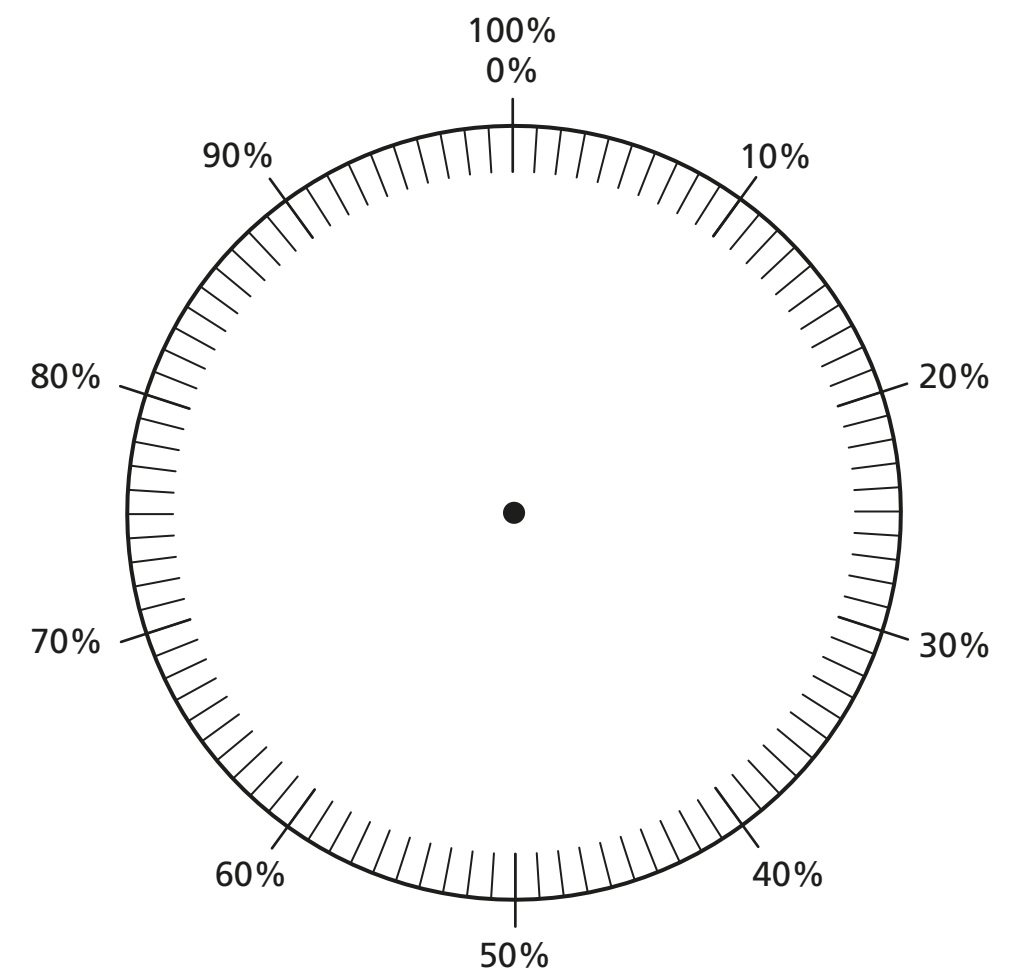
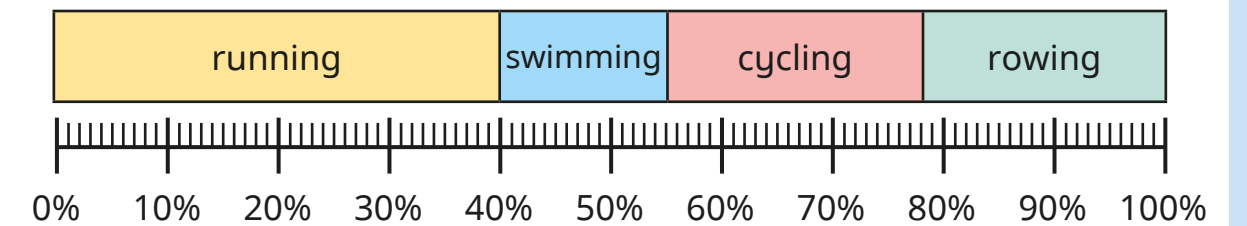
b) Use the table to complete the pie chart.



2 Members of a leisure centre were asked which was their favourite sport.

The results are shown in the percentage bar model.

Complete the pie chart to represent the data.

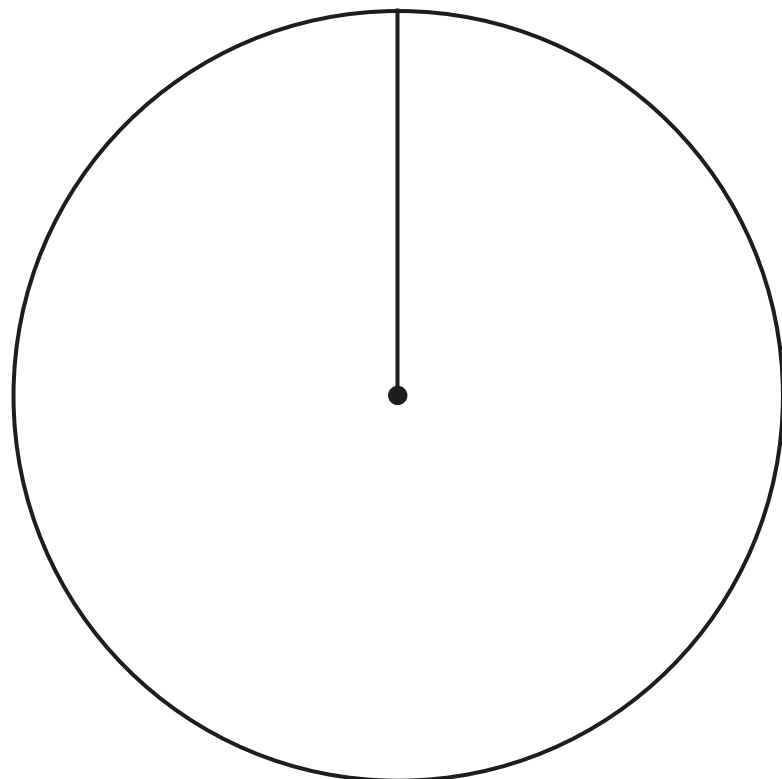


- 3 Year 6 children were asked which sport they liked best.
The table shows the results.

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 | $7 \times 10 = 70^\circ$ |
| Netball | 8 | |
| Football | 12 | |
| Hockey | 5 | |
| Rugby | 4 | |
| Total | 36 | $36 \times 10 = 360^\circ$ |

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 | |
| Fish | | 96° |
| Vegetarian | 13 | 78° |
| Vegan | | |
| Gluten free | 4 | |
| Total | 60 | 360° |

b) Draw a pie chart to represent the data.
Clearly label your pie chart.

