

Handout 2

Constructing and interpreting pie charts

1. In a survey, students were asked what their favourite takeaway was. The results are shown below.

Plot this data as a pie chart.

Takeaway choice	Frequency	Angle
Chinese	50	150°
Pizza	30	90°
Curry	40	120°
Total	120	360°

2. Students were asked what their favourite drink was.

What's missing from the table?

How can you find the missing angles so you can plot the pie chart?

Favourite drink	Frequency	Angle
Cola	50	150°
Lemonade	30	
Fruit juice	40	
Total	120	360°

3. In another survey, 1400 students were asked what their favourite sport was.

Results are shown in the pie chart.

- How many said football was their favourite sport?
- How many said boxing was their favourite sport?

