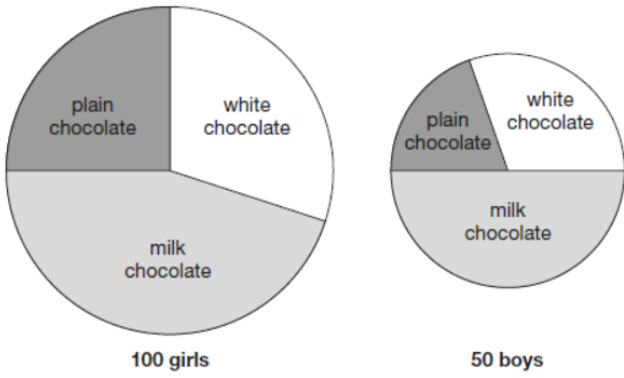100 girls and 50 boys were asked which kind of chocolate they like best.

These two pie charts show the results.

plain chocolate | white chocolate | milk chocolate

100 girls

plain chocolate | white chocolate | milk chocolate

50 boys

Dev says:

"The pie charts show that more girls than boys liked milk chocolate best."

Dev is correct.

Explain how you know.

⌢⌢⌢⌢⌢⌢⌢⌢

A shop sells drinks.

The pie chart compares the money a shop took last year for water, juice and soft drinks.

Key:

▨ Water

▧ Juice

☐ Soft drinks

The shop took £8264 for soft drinks.

Sales of water and juice were **equal**.

How much money did the shop take for **juice** last year?

Show

---

40 children predicted who would win the boys' race at sports day.

This pie chart shows their predictions.

Jack

Amir | Tom | 5%

Stefan

What percentage of the children predicted that Stefan would win?

☐ %

10 children predicted the winner of the race **correctly**.

Who won the race? …………………………………………

Explain how you know.

In a survey of children's favourite fruit juices, these were the results.

Juice	Apple	Orange	Grape	Mango
Percentage of children	25%	14%	30%	31%

(a) **20 more** children chose grape than chose apple.

How many children took part in the survey?

Show your method
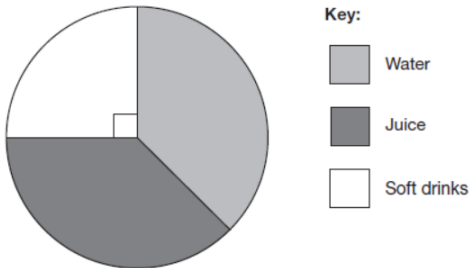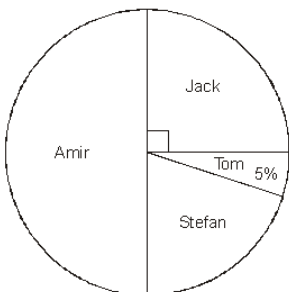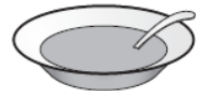
☐ children

(b) Chen makes a pie chart to apple show the results.

What **angle** should he use for the children who chose **mango**?

apple

☐ °

1 mark

Alfie did a survey to find which soup was most popular.

The choices were:
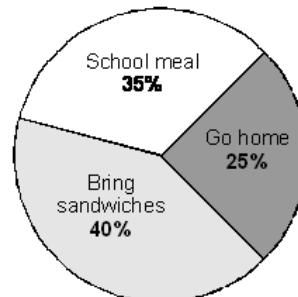
- tomato
- chicken
- mushroom

A quarter of the children chose chicken soup.

Four times as many children chose tomato soup as chose mushroom soup.

Alfie makes a pie chart to show this information.

What **angle** should he use for the children who chose tomato soup?

This pie chart shows the lunch choices of year 6 children at a school.

School meal **35%** | Go home **25%** | Bring sandwiches **40%**

28 children in year 6 have a **school meal**.

How many **go home** for lunch?