11/02/21

Q1. The Year 6 children in a school were asked to choose a musical instrument.

This is a pie chart of their choices.

There are **80** children in Year 6.

Estimate the number of children who chose a **violin**.

[blank answer box]

15% of the 80 children chose a **guitar.**

How many children is this?

Show your method

[blank answer box]

Q2. In a survey of children's favourite fruit juices, these were the results.

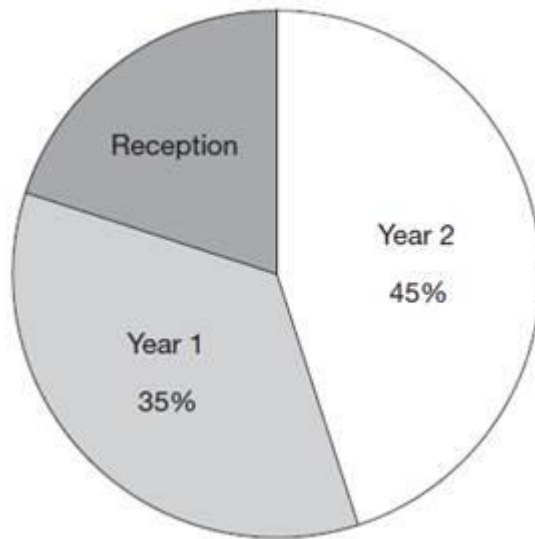| Juice	Apple	Orange	Grape	Mango
Percentage of children	25%	14%	30%	31%

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

How many children took part in the survey?

Show your method

children

Q3. The pie chart shows the Year groups of children at Woodland Infant School.

There are **56** children in **Year 1**.

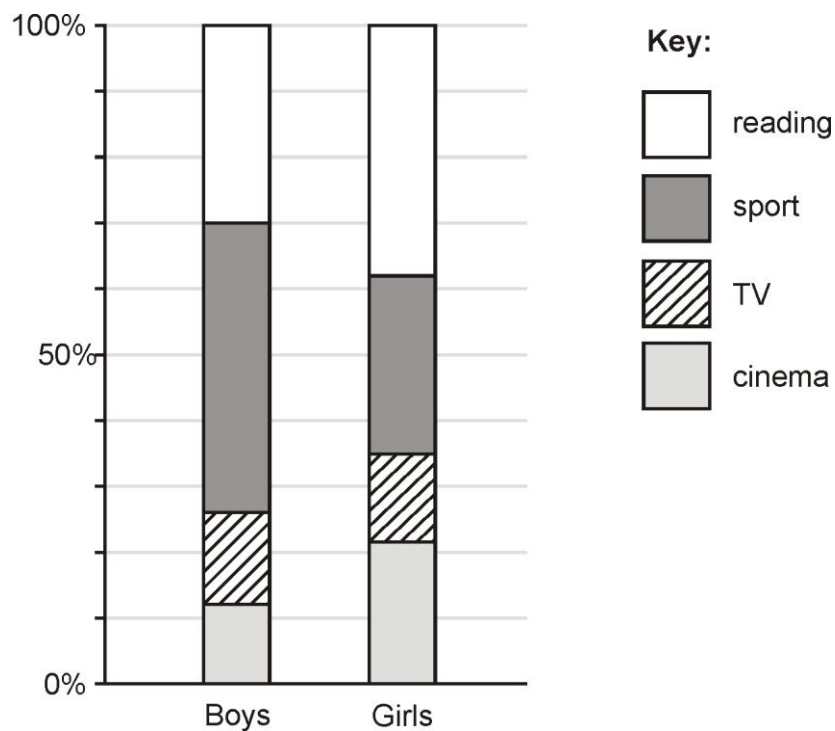How many children are there in Reception?

Show your method

children

Q4. What is 10% of a half?

What percentage of 20 is 19?

%

Q5. Alfie asks some boys and girls about their favourite hobby.

He shows the results on a graph.

The graph shows that **44%** of boys chose sport.

Estimate the percentage of **girls** who chose sport.

%

120 boys chose reading.

Estimate the **number** of boys who chose **cinema**.

boys