Comparing data displays

6 practice questions

1. Which fruit has the most votes in the supplied table?

Sample data: Fruit choices

Fruit	Children
Apple	6
Banana	4
Orange	2

6 is greater than 4 and 2.

Answer: Apple.

2. How many more chose banana than orange?

Sample data: Fruit choices

Fruit	Children
Apple	6
Banana	4
Orange	2

$4 - 2 = 2$.

Answer: 2 more.

3. Cricket has 5 votes, Soccer has 5 and Tennis has 3. Which choices are tied?

Both have 5 votes.

Answer: Cricket and Soccer.

4. A child reads the fruit table and says, “Everyone chose apple.” Explain the error.

Sample data: Fruit choices

Fruit	Children
Apple	6
Banana	4
Orange	2

The largest group is not the whole group.

Answer: Four children chose banana and two chose orange, so not everyone chose apple.

5. Class A has 8 Tag votes from 12 children. Class B has 9 from 24 children. Does 9 being larger prove Tag is a stronger favourite in B?

Class B has twice as many children.

Answer: No. The class sizes are different and must be considered.

6. Write one comparison using numbers from the supplied travel table.

Sample data: Travel choices

Way	Children
Walk	6
Car	5
Bus	3

Use two actual counts to support the comparison.

Answer: For example: 6 children walked and 3 used the bus, so 3 more walked. Other accurate comparisons are valid.