Organising data in lists and tables

6 practice questions

1. Count the apple choices in the fruit table.

Six children choose one fruit each.

Child	Choice
Ari	Apple
Bo	Pear
Cleo	Apple
Dara	Banana
Eli	Pear
Finn	Apple

Ari, Cleo and Finn chose apple.

Answer: 3.

2. Make a frequency table for: bus, walk, walk, car, walk, bus.

Count each choice once.

Check $2+3+1=6$.

Answer: Bus: 2; walk: 3; car: 1.

3. How many vehicles are recorded altogether?

Vehicles observed in five minutes.

Vehicle	Number
Car	6
Bus	2
Bicycle	3

$6+2+3=11$.

Answer: 11 vehicles.

4. Write the book types from the fewest choices to the most.

Books chosen by a group.

Type	Number
Animals	4
Space	2
Stories	5

Their counts are $2, 4$ and 5.

Answer: Space, Animals, Stories.

5. Seven children each give one answer to a survey. A table shows $2, 3$ and 3 responses. Explain why it needs checking.

$2 + 3 + 3 = 8$.

Check for a repeated response in the original records.

Answer: The counts total 8, but only 7 children answered.

6. Use the weather record to make a frequency table for Sunny, Cloudy and Rainy.

Weather observed over five school days.

Day	Weather
Monday	Sunny
Tuesday	Cloudy
Wednesday	Sunny
Thursday	Rainy
Friday	Sunny

Monday, Wednesday and Friday are sunny.

Tuesday is cloudy and Thursday is rainy.

The total is 5 days.

Answer: Sunny: 3; Cloudy: 1; Rainy: 1.