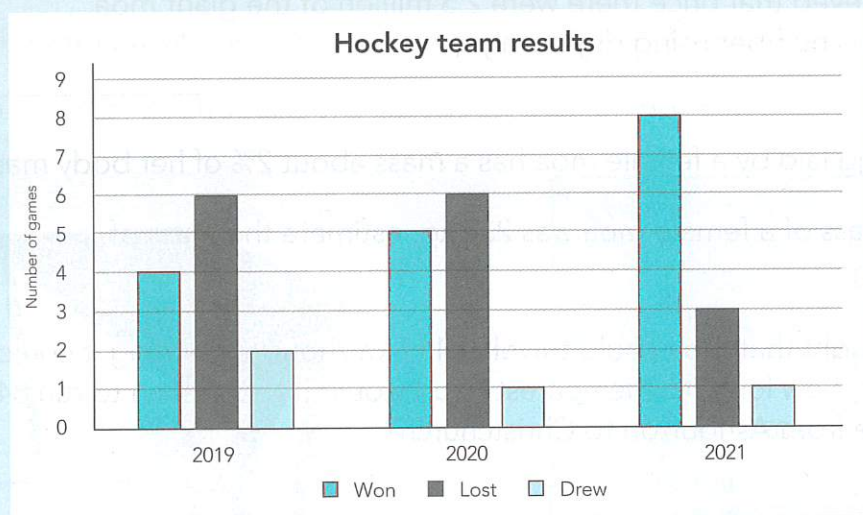


### 3 Explain the reasonableness of responses

- In these questions you will be given a statement and you need to state whether you agree, disagree or can't tell for sure. Then you **must** explain your choice.
- Sometimes more than one of the three options could be correct, depending on your explanation.
- When answering these questions, where possible **use numbers** to support your answer.
- When answering questions about calculations, **use words** in your explanations.
- You **must** base your answer on information given to you, **not** your own experience.

#### Example:

The graph shows the results for the Paradise High School boys' hockey team over the last three years.



Max says that the team will almost certainly win most of their games in 2022.



Agree



Disagree



Can't tell for sure

Explain your answer.

The proportion of games that the team has won has increased each year from  $\frac{4}{12}$  in 2019 to  $\frac{8}{12}$  in 2021, so it is very likely that they will win most of their games in 2022.

Where possible, use numbers to strengthen your argument.

or



Agree



Disagree



Can't tell for sure

Explain your answer.

Although the proportion of games that the team has won has increased each year, it may be that most of their strongest players or the coach left school at the end of 2021, so we cannot tell for certain.

Answer the following questions.

1 Here is a copy of Jerry's bank account statement:

Credit means how much money is put into his account.

Debit means how much money is taken out of his account.

Balance means how much money is left in his account.

	Date	Description	Credits	Debits	Balance
Latest ↑ Oldest	11 Aug 22	Bike shop		\$654.90	\$2.63
	11 Aug 22	Power		\$206.44	\$657.53
	11 Aug 22	Rent		\$250.00	\$863.97
	11 Aug 22	Pay	\$1093.86		\$1133.97
	10 Aug 22	Supermarket		\$63.53	\$20.11
	09 Aug 22				\$83.64

Jerry should be worried that he is spending more than he earns.

Agree

Disagree

Can't tell for sure

Explain your answer.

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2 Ria went shopping and put these items in her basket:



\$36



\$79.95



\$12.90

Ria uses this calculation to estimate how much she will pay.

$$\$40 + \$80 + \$15 = \$135$$

Ria's method is a good estimate of the cost.

Agree

Disagree

Can't tell for sure

Explain your answer.

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