

## Question 1

Locations of Jack's home, school, and gym form an obtuse triangle on the map.

Quantity A	Quantity B
Difference between the distance from Jack's home to the school and the distance from the home to the gym	The distance from the school to the gym

- A** Quantity A is greater
- B** Quantity B is greater
- C** The two quantities are equal
- D** The relationship cannot be determined from the information given

## Question 2

Each side of a cuboid is integer and their sum is 6 units.

Quantity A	Quantity B
Total surface area of the cuboid	25

- A** Quantity A is greater
- B** Quantity B is greater
- C** The two quantities are equal
- D** The relationship cannot be determined from the information given

### Question 3

A garden has only equal number of roses and tulips. Two flowers are selected randomly.

Quantity A	Quantity B
Twice the probability that both the flowers selected are roses	Probability that one of the flowers selected is rose and the other is tulip

- A Quantity A is greater
- B Quantity B is greater
- C The two quantities are equal
- D The relationship cannot be determined from the information given

### Question 4

Set A arranged in ascending order of the values:

Quantity A	Quantity B
Mean of Set A	Median of Set A

- A Quantity A is greater
- B Quantity B is greater
- C The two quantities are equal
- D The relationship cannot be determined from the information given

## Question 5

A trader purchased few books such that each cost an equal amount and then sold each of them at an equal price.

Quantity A	Quantity B
Increased gross profit if the selling price is increased by 20%	Increased gross profit if the selling price is increased by \$20

- A Quantity A is greater
- B Quantity B is greater
- C The two quantities are equal
- D The relationship cannot be determined from the information given