

- 1 Nazim measures his weight by standing on the bathroom scale on both feet.

He then lifts one of his feet.

What do you think will happen to his weight now?

- A. It will increase.
- B. It will decrease.
- C. It will remain the same.
- D. We cannot say anything for sure without knowing his original weight.



- 2 Which of the following is the best representation of the structure of a synthetic fibre like nylon?

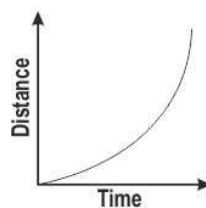
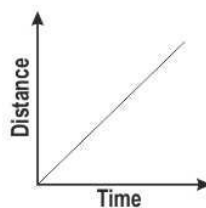
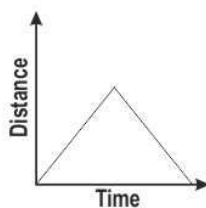
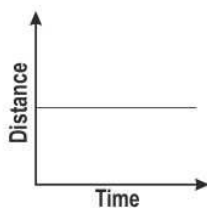
A (many different units linked together)

B (many identical units linked together)

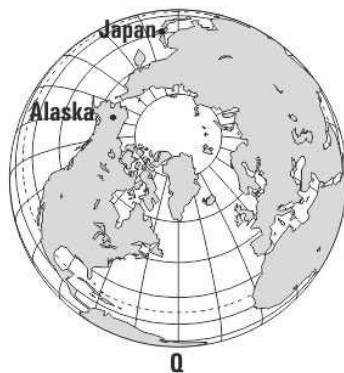
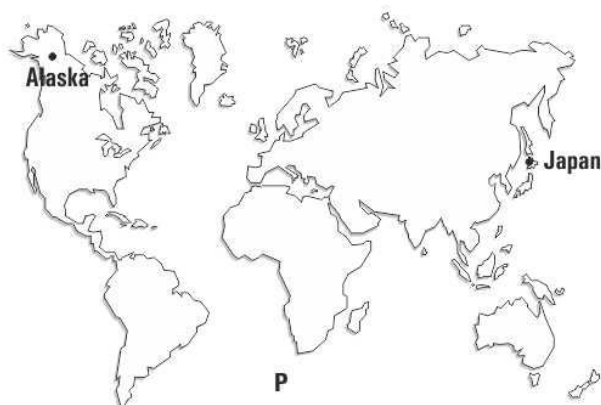
C (many units linked to a central unit)

D (a collection of unlinked identical units)

- 3 The figure here shows the position of a runner at one-second intervals as he moves from left to right. Which of the following graphs will BEST represent the motion of the runner in figure?



- 4 Which of these maps is better to use if we want to get a rough estimate of how far Alaska (a state in north-western USA) is, from Japan?



- A. Map P is better.
- B. Map Q is better.
- C. Maps P and Q are equally good.
- D. Neither map P nor Q may be used.