

Distance:

- Distance is how \_\_\_\_\_ an object has moved.
- Its value \_\_\_\_\_ be zero.
- It \_\_\_\_\_ on direction.

Displacement

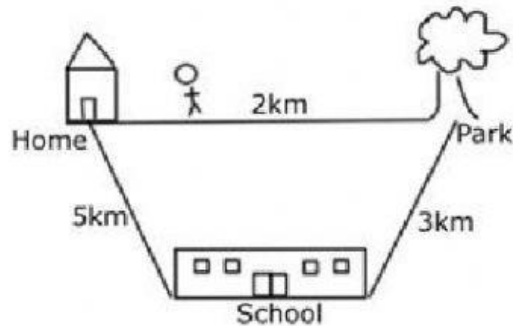
- Displacement is how \_\_\_\_\_ an object has moved from its \_\_\_\_\_ position
- Its value \_\_\_\_\_ be zero.
- It \_\_\_\_\_ on direction.

Choose the correct answer:

1- Ahmed walks 3 km north, and then turns east and walks 4 km. What is the distance?

- 7 km
- 3 km
- 4 km
- 1 km

1- Ali walked from home to school, then from the school to the park. What is his total distance?



- 2 km
- 5 km
- 8 km
- 10 km