

**Question**

- **Displacement is a vector quantity**
- **Displacement is a change in position**
- **Displacement is a straight line distance**
- **Displacement is a vector quantity (has a direction)**

**Key words**

**Scalar** is only one dimension (distance, mass, time, etc.) and only the magnitude of the quantity is important. It is a **scalar quantity** if the quantity is only defined by its magnitude (no direction)

**Vector** is a quantity that has both a size and a direction. It is a **vector quantity** if the quantity is defined by both magnitude and direction

**Displacement is a vector quantity**

- **Displacement is a vector quantity (has a direction)**
- **Displacement is a change in position**
- **Displacement is a straight line distance**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**

**Displacement is a vector quantity (has a direction)**

- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**
- **Displacement is a vector quantity (has a direction)**

**Displacement is a vector quantity (has a direction)**