

# Smart Writeup's

Practice. Learn. Succeed

**Sub : Science**

**Grade: IX**

**Date: .....**

**Name: .....**

**ID No.....**

1. Define distance and displacement. Given an example where the distance traversed by a particle is larger than the magnitude of its displacement in the same sense.

---

---

---

---

2. What is the difference between distance and displacement?

---

---

---

---

---

3. Define instantaneous speed and average speed.

---

---

---

---

---

4. Define instantaneous velocity and average velocity.

---

---

---

---

5. What is the difference between speed and velocity ?

---

---

---

---