

- 7 A student used a falling sphere to determine the acceleration of free-fall g . The sphere was released from rest.

Which two quantities would require the fewest measurements to be taken in order to determine g ?

- ☐ A displacement and initial velocity
- ☐ B displacement and time
- ☐ C final velocity and displacement
- ☐ D final velocity and time

(Total for Question 7 = 1 mark)