

- 4 What is meant by the weight of an object?
- A the gravitational field acting on the object
 - B the gravitational force acting on the object
 - C the mass of the object multiplied by gravity
 - D the object's mass multiplied by its acceleration
- 5 A student carries out a series of determinations of the acceleration of free fall g . The table shows the results.

| g/ms^{-2} |
|--------------------|
| 4.91 |
| 4.89 |
| 4.88 |
| 4.90 |
| 4.93 |
| 4.92 |

What can be said about this experiment?

- A It is accurate and precise.
- B It is accurate but not precise.
- C It is not accurate and not precise.
- D It is not accurate but is precise.