

- 4** Two physical quantities combined together as a product can produce a scalar quantity or a vector quantity.

Which product of two quantities produces a scalar quantity?

- A** (force) \times (displacement of an object in the direction of the force)
- B** (mass) \times (acceleration of the mass)
- C** (pressure) \times (area on which the pressure acts)
- D** (velocity) \times (time for which an object has that velocity)