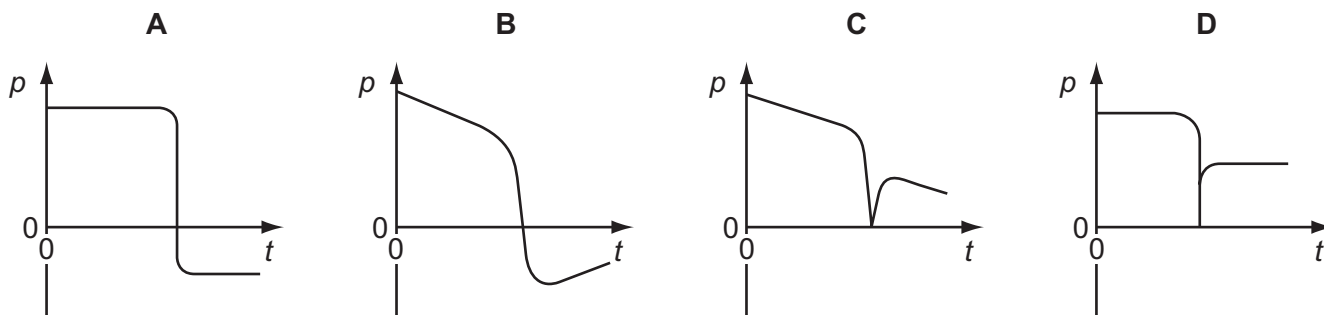


- 10 An ice-hockey puck slides along a horizontal, frictionless ice-rink surface. It collides inelastically with a wall at right angles to its path, and then rebounds along its original path.

Which graph shows the variation with time t of the momentum p of the puck?



- 11 What is the **definition** of the force on a body?

- A** the mass of the body multiplied by its acceleration
- B** the power input to the body divided by its velocity
- C** the rate of change of momentum of the body
- D** the work done on the body divided by its displacement

Space for working