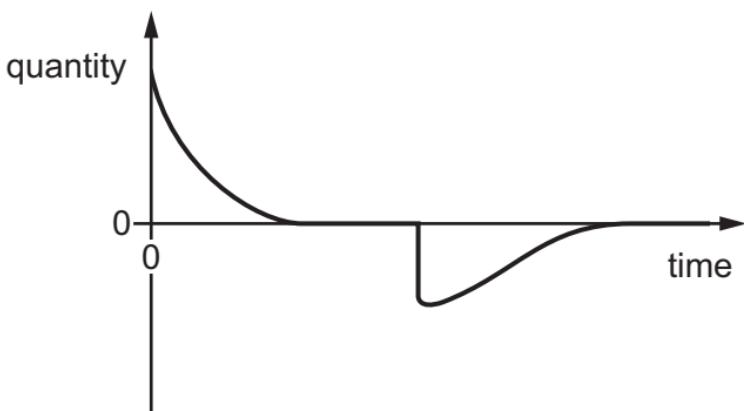


- 8 The graph shows how a physical quantity varies with time.



Which event could best be represented by the graph?

- A the acceleration of a firework rising to a maximum height and falling to the ground
- B the acceleration of a skydiver leaving an aircraft, falling, opening a parachute and falling to the ground
- C the speed of a javelin as it leaves an athlete's hand, falls and sinks into the ground
- D the speed of a high jump athlete leaving the ground, jumping over a bar and descending to the ground

- 9 What is the value of $\sin 45^\circ$?