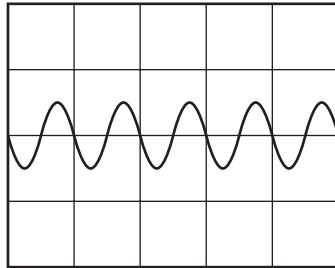


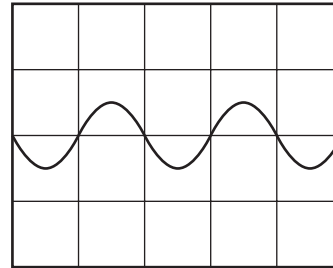
- 6 The Y-input terminals of a cathode-ray oscilloscope (c.r.o.) are connected to a supply of amplitude 5.0 V and frequency 50 Hz. The time-base is set at 10 ms per division and the Y-gain at 5.0 V per division.

Which trace is obtained?

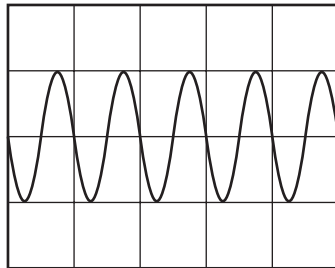
**A**



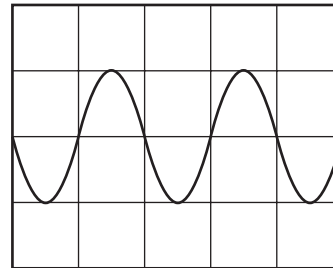
**B**



**C**



**D**



- 7 A body is released from rest and falls vertically in air of constant density.