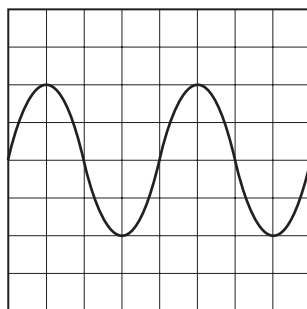


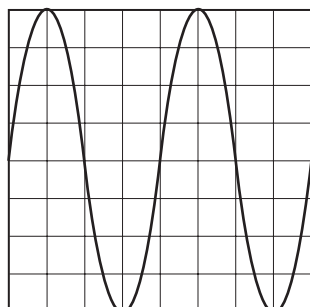
- 5 The following trace is seen on the screen of a cathode-ray oscilloscope.



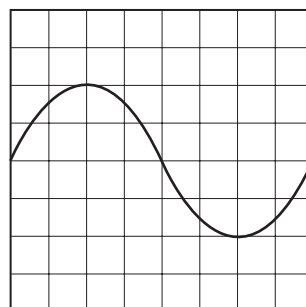
The setting of the time-base is then changed from  $10\text{ms cm}^{-1}$  to  $20\text{ms cm}^{-1}$  and the Y-plate sensitivity remains constant.

Which trace is now seen on the screen?

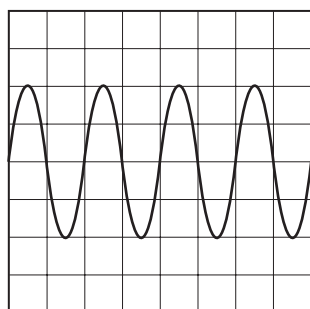
**A**



**B**



**C**



**D**

