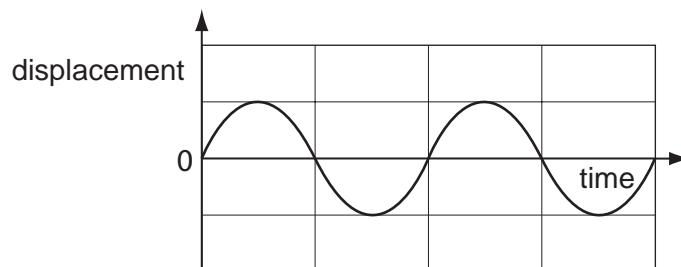


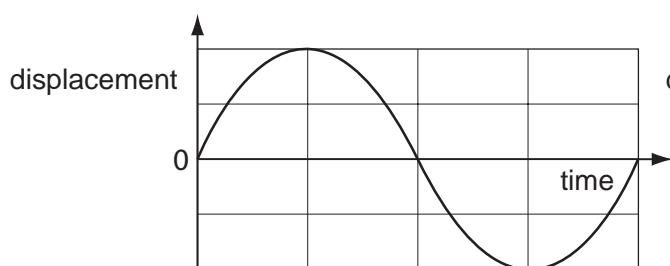
24 A displacement-time graph is shown for a particular wave.



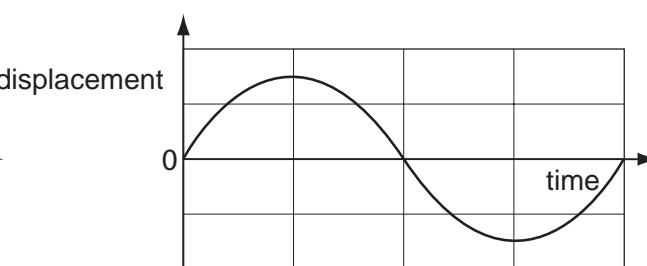
A second wave of similar type has twice the intensity and half the frequency.

When drawn on the same axes, what would the second wave look like?

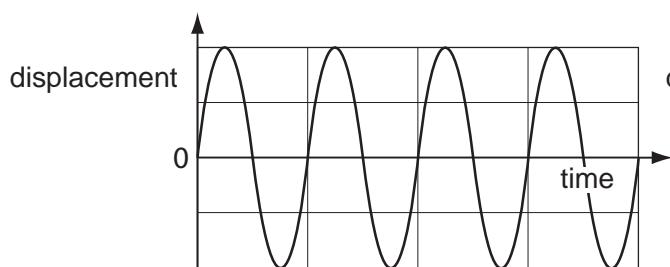
A



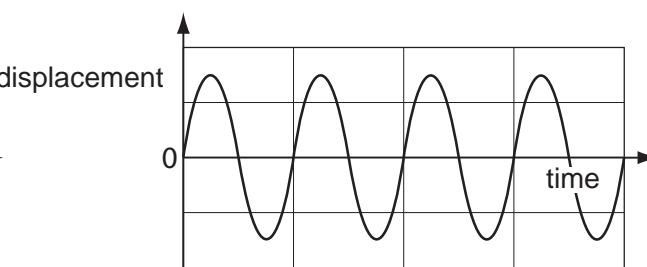
B



C



D



25 The frequency of a certain wave is 500 Hz and its speed is 340 m s^{-1} .