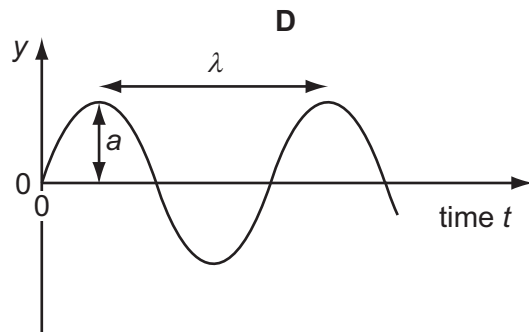
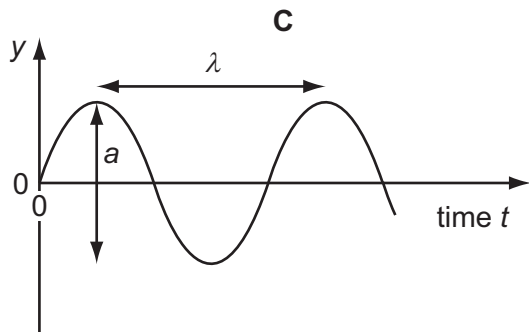
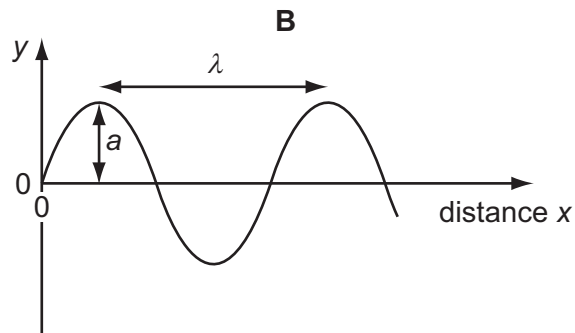
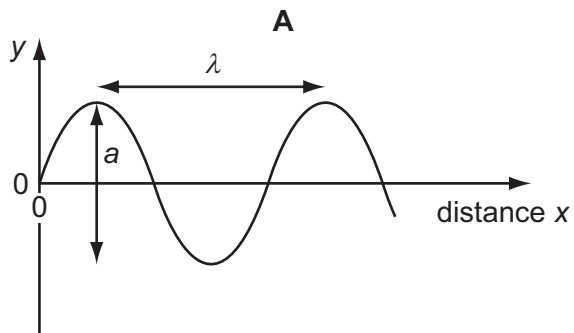


**26** A sound wave has displacement  $y$  at distance  $x$  from its source at time  $t$ .

Which graph correctly shows the amplitude  $a$  and the wavelength  $\lambda$  of the wave?



**27** A parallel beam of red light of wavelength  $700\text{ nm}$  is incident normally on a diffraction grating that