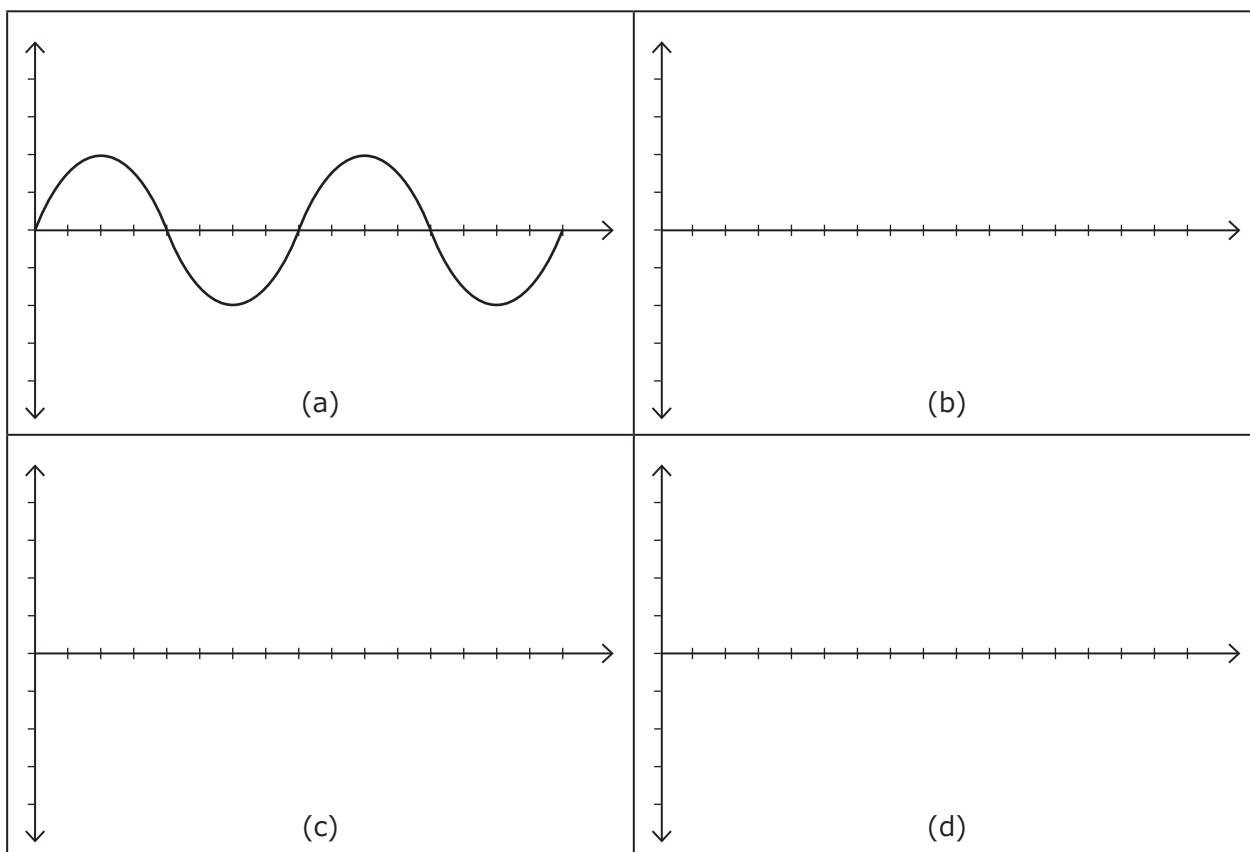




6. (a) Label the amplitude and wavelength of the wave shown.
- (b) Draw a wave that has the same amplitude but double the wavelength of the wave shown.
- (c) Draw a wave that has the same wavelength but double the amplitude of the wave shown.
- (d) Draw a wave that has half the amplitude and double the frequency of the wave shown.



7. In the space below, draw two cycles of waves with the following characteristics:

- (a) A wavelength of 8 units and an amplitude of 4 units. Label it 'a'.
- (b) A wavelength of 4 units and an amplitude of 8 units. Label it 'b'.

