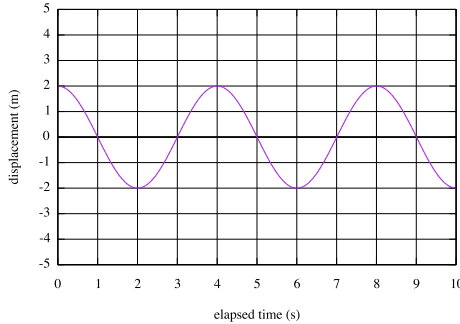
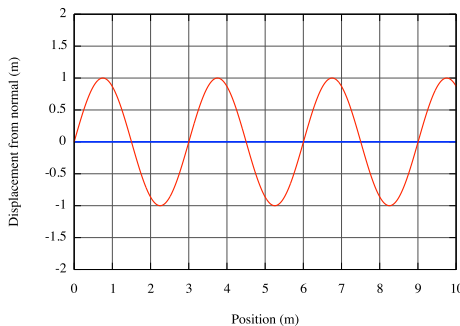


1. The graph below shows the displacement of an object as a function of time. It is a “history” plot.



One or more of the following questions cannot be answered using this graph. Answer the question(s) that you can, and tell why it is impossible to answer the other(s) with the information you’ve been given.

- (a) What is the amplitude? \_\_\_\_\_
  - (b) What is the wavelength? \_\_\_\_\_
  - (c) What is the period? \_\_\_\_\_
  - (d) What is the frequency? \_\_\_\_\_
2. The graph below shows the displacement of a medium as a function of position. It is a “snapshot” plot.



One or more of the following questions cannot be answered using this graph. Answer the question(s) that you can, and tell why it is impossible to answer the other(s) with the information you’ve been given.

- (a) What is the amplitude? \_\_\_\_\_
- (b) What is the wavelength? \_\_\_\_\_
- (c) What is the period? \_\_\_\_\_
- (d) What is the frequency? \_\_\_\_\_