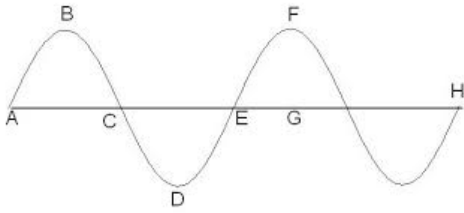


1. The distance between A and H is 150.0 m. Calculate the wavelength of the wave.



2. The distance from the crest to a trough in the wave below is 15.0 m. Calculate the amplitude of the wave.

3. What is meant by the frequency of a wave?

4. Suppose 5 complete waves pass a point in 10.0 s. Calculate the frequency of the wave.

5. What is meant by the period of a wave?

6. Suppose it takes 5 seconds to make 10 waves. Calculate the period of the wave.

7. A wave has a wavelength of 6.0 m and a frequency of 5.0 Hz.

i) Calculate the wave speed.

ii) Calculate the time the wave takes to travel 300.0 m.