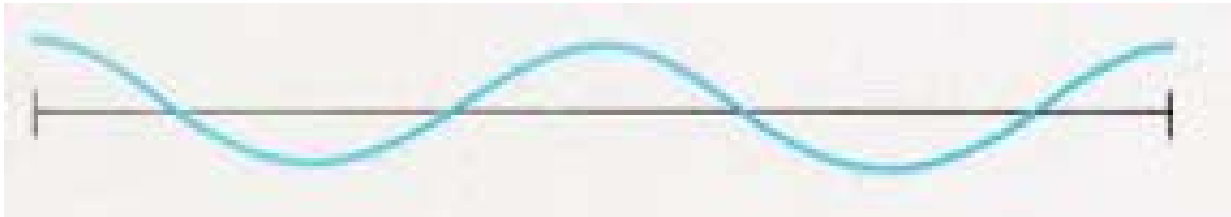


SMS-303: Integrative marine sciences III.

Name:

Pre-class quiz #1 (NO MORE THAN 2 SENTENCES FOR EACH ANSWER).

1. Denote on this drawing the wavelength, crest and trough positions, wave amplitude and wave height.



2. What is the dominating mechanism (that is the process that provides the energy) responsible for the generation of surface gravity waves in the oceans?

3. How is the propagation of a Tsunami wave affected by the depth of the ocean where it propagates?