Slinky Wave Speed Pre-Lab

1. Define: mechanical wave-

 transverse wave-

 periodic wave-

 longitudinal wave-

 surface wave-

2. Draw and label the following points on a wave.

 - amplitude

 - crest

 - trough

 - wavelength

3. What is the amplitude of a wave dependent upon? A) the higher the energy the \_\_\_\_\_\_\_\_\_\_\_\_\_\_ the amplitude.

4. How do you measure the speed of a wave? The frequency? The wavelength?

5. Describe what phase means relative to waves.