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.