Name _____ Date _____

Honors Physics Waves WS #1H

Period _____ Mrs. Nadworny

A

Types of Waves

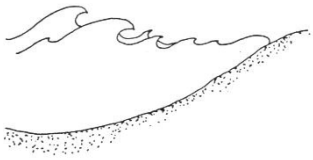
Directions: Read online textbook pages 452 – 455. Decide whether each picture below shows a transverse wave, longitudinal wave or both. Write your answers in the space provided.

1. An earthquake wave is traveling from west to east through rock. If the particles of the rock are vibrating in a north-south direction, the wave must be classified as

   (A) a microwave (B) a radio wave (C) longitudinal (D) transverse

2. As a wave travels between two points in a medium, the wave transfers

   (A) mass, only (B) energy, only (C) energy and mass (D) neither energy nor mass

3. 

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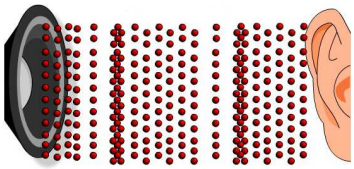
4.

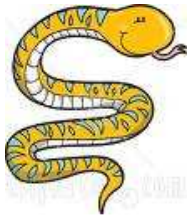
_____

5.

_____

6. 

_____

7. 

_____

8.

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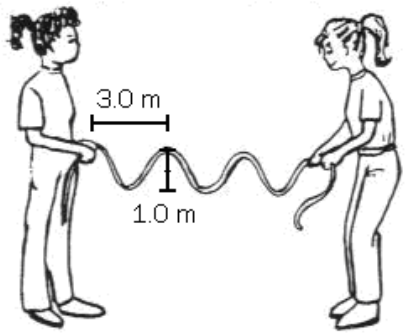
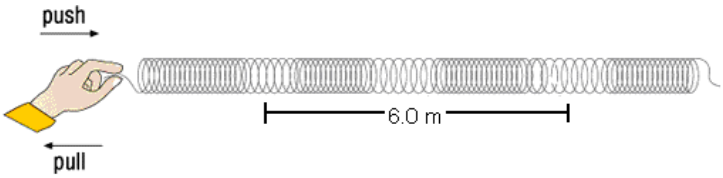
Directions: Look at each of the following waves created in the picture and fill in the requested information.





Type of wave:

Amplitude:

Wavelength:

Type of wave:

Wavelength: