



Independent Practice

Name: _____

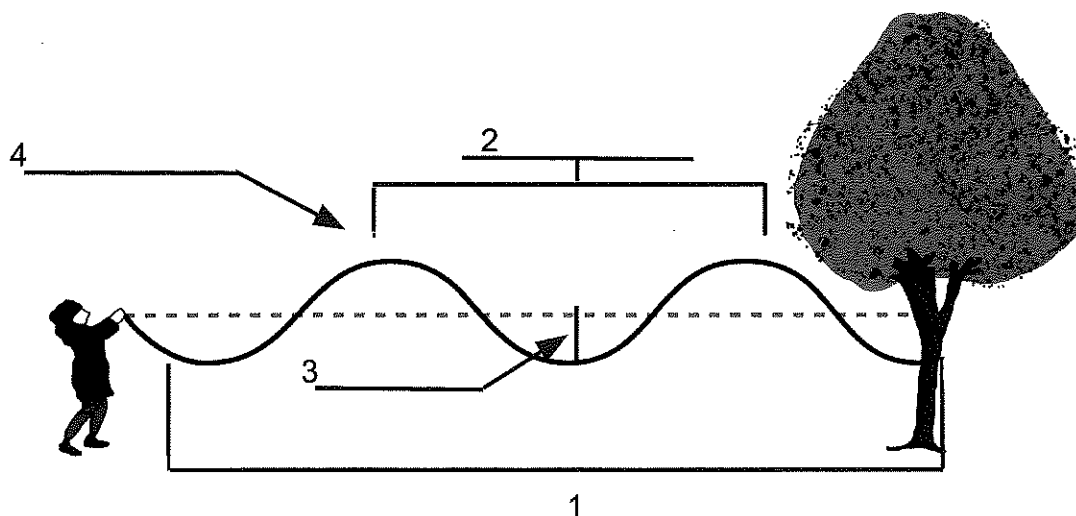
Date: 3/24/20

Part I: Label the Diagram

Directions: Use the word bank and clues to label the diagram. Not all words will be used.

Word Bank

wavelength medium crest wave amplitude frequency



Clues

1. Moves through a medium
2. Distance between crests
3. Height of a wave from trough to the origin
4. The highest point in a wave



Independent Practice

Part II: Alike and Different

Directions: Write how the pairs of words are alike and different.

1. Wave and medium

Wave: a rhythmic disturbance that moves through a medium or vacuum

Medium: the material through which a wave travels

Alike: _____

Different: _____

2. Wavelength and amplitude

Wavelength: the distance between any two corresponding points, such as from crest to crest

Amplitude: the height of a wave from the rest position to the crest

Alike: _____

Different: _____

3. Frequency and wavelength

Frequency: the number of wave cycles that pass a given point per unit of time

Wavelength: the distance between any two corresponding points, such as from peak to peak

Alike: _____

Different: _____