



CLOZE-ing in on Science

Name: _____ Date: _____

INSTRUCTIONS: Use the words in the box below to fill in the blanks based on what you have learned about the properties of waves. Words may be used more than once or not used at all.

Word Bank

waves	seismic	sound	longitudinal	vibration	2	same
displacement	transverse	reverse	4	opposite	perpendicular	light

CLOZE 1

_____ are the transmission of energy through matter. They are created when a force causes a _____. There are _____ types of waves. One type of wave is the _____, or compressional wave. These waves move in the _____ direction as the _____ of the transmitting medium. Examples of _____ waves include _____ waves and _____ waves. The other type of wave is the _____ wave. These waves move in a direction that is _____ to the _____ of the transmitting medium. _____ waves are an example of _____ waves.



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Word Bank

crests	troughs	longitudinal	rarefaction	origin	same	wavelength
transverse	compressions	bottom	opposite	perpendicular		

CLOZE 2

_____ waves and _____ waves differ in several ways. First, _____ waves move in the _____ direction as the displacement of the transmitting medium while _____ waves move in the _____ direction. The two wave types also have different parts. _____ waves have _____, the lowest part of the wave, and _____, the highest part of the wave. To measure the height, or _____, of a _____ wave, just measure from the _____ to the _____. Additionally, to measure the _____, just measure the distance between two adjacent _____ of the wave. Lastly, _____ waves have _____, dense, tightly compressed regions and _____, less dense, more spread out regions of the wave.