	Blk:Date:
	Science 8 Properties of Waves
	Read pgs 134-138 and complete the following worksheet.
	A is a disturbance or movement that transfers through matter or space.
	distance. is the ability to apply a over a
	is a push or pull on an object.
	Define the following FEATURES OF A WAVE: 1. Crest: highest point of a wave
2	
•	2. Trough: louest point of a wave
Mash	3. Wavelength: (1)
met	crest to crest
	4. Amplitude: (A)
	height of a wave from
	the rest position to the crest
	or rest to trough.

Name:_

	A A
	Use the terms: crest, trough wavelength and amplitude to correctly label the following wave diagram:
	Pres
	posi
	The number of oscillations (repetitive notions) that occur in a given time is called and is measured in(
	Hz = # cycles per second.
	THE SHORTER THE, THE GREATER THE Scientists lefer to this as an
_	1. Transverse (skip rope) 1 /// 2. Conserverse (skip rope) 1 //// Slinky + mmm -
	The matter that waves move through is referred to as a For sound waves the medium is For ocean waves the medium is
	TRANSVERSE WAVES:
	The matter in the medium moves and perpendicular (at right angles) to the direction that the wave travels. Example:
	more one and up + down
	COMPRESSION WAVES:
	The matter in the medium moves and along the same direction that the wave travels. Example:
	slinky with a piece of
	attached to to.