Name	
	Hour

Waves Review Ch 1, 2-1 & Analog vs Digital

1,	wave	A. wave that consists of electric and magnification and does not require a madine to	
2.	vibration	fields and does not require a medium to exist	I
	medium	B. greatest distance from resting position of wave	of a
		C. number of waves that pass a certain poi	nt in
4	mechanical waves	a given amount of time	
		D. wave that disturbs a medium	
5.	electromagnetic waves	E. a space in the medium in which the part are crowded together	icles
6.	crests	F. traveling disturbance that carries energy from one place to another	7
7.	troughs	G. high point of a wave	
		H. movement that follows the same path or	ver
8	amplitude	and over again	
9.	wavelength	I. wave in which the motion of the medium parallel to the direction of the wave	n is
		J. a space in the medium in which there ar	·e
10	frequency	fewer particles	
		K. low point of a wave	
11	transverse wave	L. wave that consists of a combination of transverse and longitudinal waves and	
12	longitudinal wave	occurs at the surface between two differ mediums	ent
13.	surface wave	M. wave in which the motion of the mediur	n is
		at right angles to the direction of the wa	ve
14	compression	N. material through which a mechanical waterial travels	
15	rarefaction	O. distance between two consecutive similar points on a wave	ar

- 16. What type of wave is a sound wave?
- 17. What wave characteristic would you consider if you wanted to know how much energy the wave is carrying?
- 18. Be able to label the characteristics of a wave on a diagram.
- 19. How do you calculate the speed of a wave? (Know the formula)
- 20. How does the speed of sound compare to the speed of light?
- 21. What type of signal (analog or digital) encodes information in numbers by sampling at intervals?
- 22. What type of signal (analog or digital) sends information with continuous waves?