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PROPERTIES OF WAVES VOCABULARY

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| **Across**  **5.** the rate at which a vibration occurs that constitutes a wave, either in a material (as in sound waves)  **8.** a channel used to convey a liquid.  **9.** The distance between adjacent peaks (or adjacent troughs) on a wave .  **10.** each the top of (something such as a hill or wave).  **11.** a wave vibrating in the direction of propagation.  **12.** diminution in the density of something, especially air or a gas. MEDICINE  **13.** a wave that is an oscillation of matter, and therefore transfers energy through a medium | **Down**  **1.**  the frequency or wavelength of their oscillations which determines their position in the electromagnetic spectrum  **2.** the distance between successive crests of a wave, especially points in a sound wave or electromagnetic wave.  **3.** a wave vibrating at right angles to the direction of its propagation.  **4.**  a measure of its change over a single period  **6.** the intervening substance through which impressions are conveyed to the senses or a force acts on objects at a distance.  **7.** the reduction in volume (causing an increase in pressure) |