Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_

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Goal 1 Wordsearch Puzzle – Wave Properties



ACROSS  
1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Lowest part of a wave  
2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Close parts of a longitudinal wave.  
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Number of complete waves that pass a given point in a certain amount of time  
4.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Highest part of a wave

5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Waves that require a medium through which to travel  
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Material through which a wave travels.  
 7. A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ wave is a mechanical wave that travel perpendicular to an applied force.  
 8. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Mechanical Wave that moves the medium PARALLEL to the direction in which the waves travel.  
9. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ The unit for frequency.  
10. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Crest to crest. Trough to trough. (Any point on one wave to the identical point on the next wave)  
11. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Distance from resting position to crest/trough  
 12. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Ability to do work  
 13. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Far apart parts of a longitudinal wave.  
 14.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Disturbance that transfers energy from place to place