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

 28

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