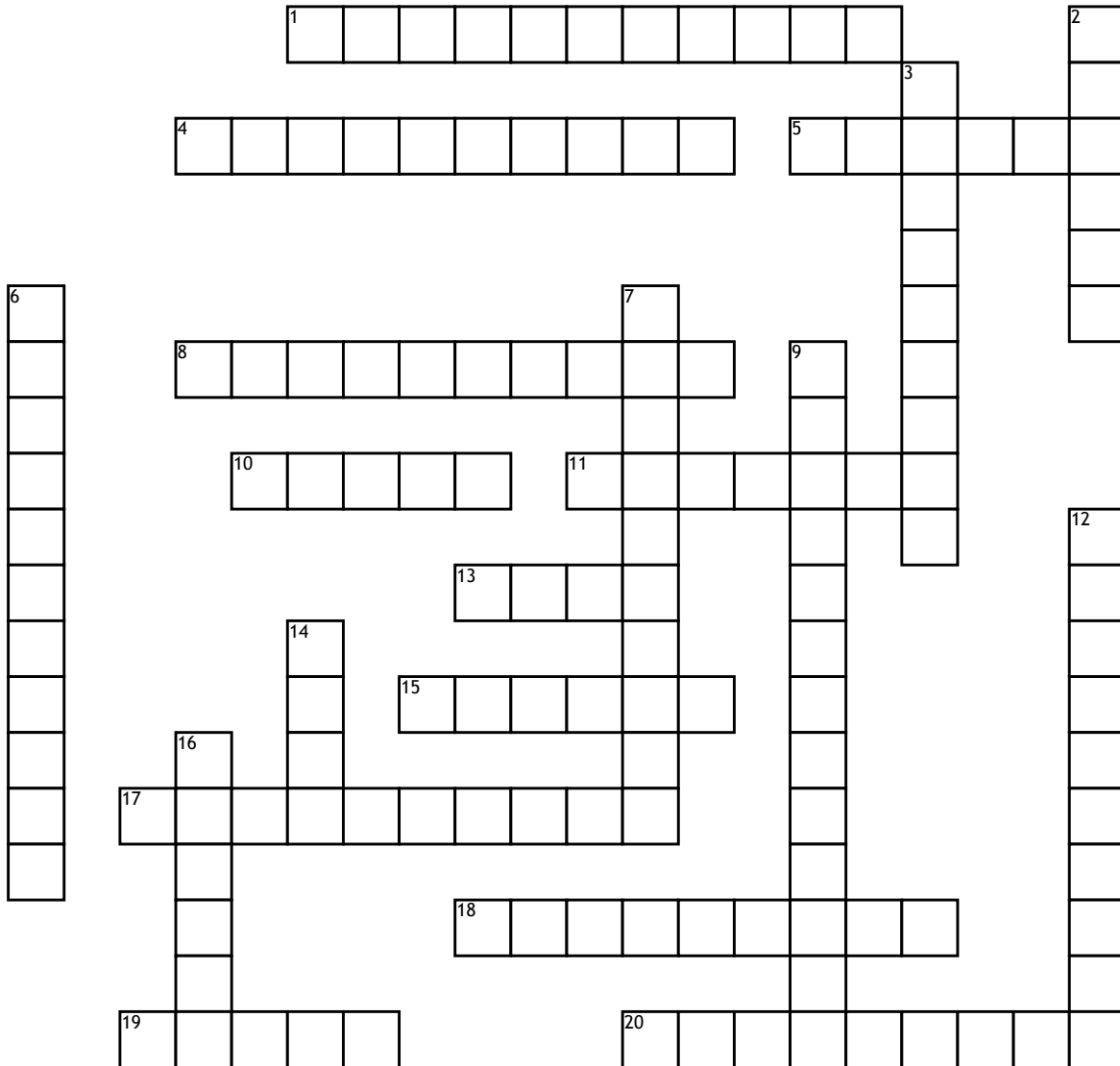


PHYSICS - WAVES



Across

- 1. On a compressional wave the area squeezed together is called the _____
- 4. _____ is a measure of distance, the units are always distance units
- 5. _____ is the time it takes for one full wavelength to pass a certain point
- 8. _____ waves are waves which require a medium
- 10. Wave _____ is usually measured in meters/second
- 11. What type of wave vibrates through the earth's crust as the crust bends or breaks?
- 13. The rest position of the wave is called the _____

- 15. The _____ is the lowest point on a transverse wave.
 - 17. The _____ is the distance from one point on the wave to the next corresponding adjacent point
 - 18. The unit for _____ is waves per second or Hertz (Hz)
 - 19. The _____ is the highest point on a transverse wave
 - 20. The _____ of a wave is directly related to the energy of a wave
- Down**
- 2. A form of matter through which the wave travels is a _____
 - 3. _____ is the number of waves that pass through a point in one second.
 - 6. The areas spread out are called the _____.

- 7. The _____ is the distance from the center of one compression to the center of the next compression.
- 9. Sound Waves are _____ waves.
- 12. In a _____ wave the matter in the wave moves up and down at a right angle to the direction of the wave
- 14. A repeating disturbance or movement that transfers energy through matter or space
- 16. Waves transfer energy not _____