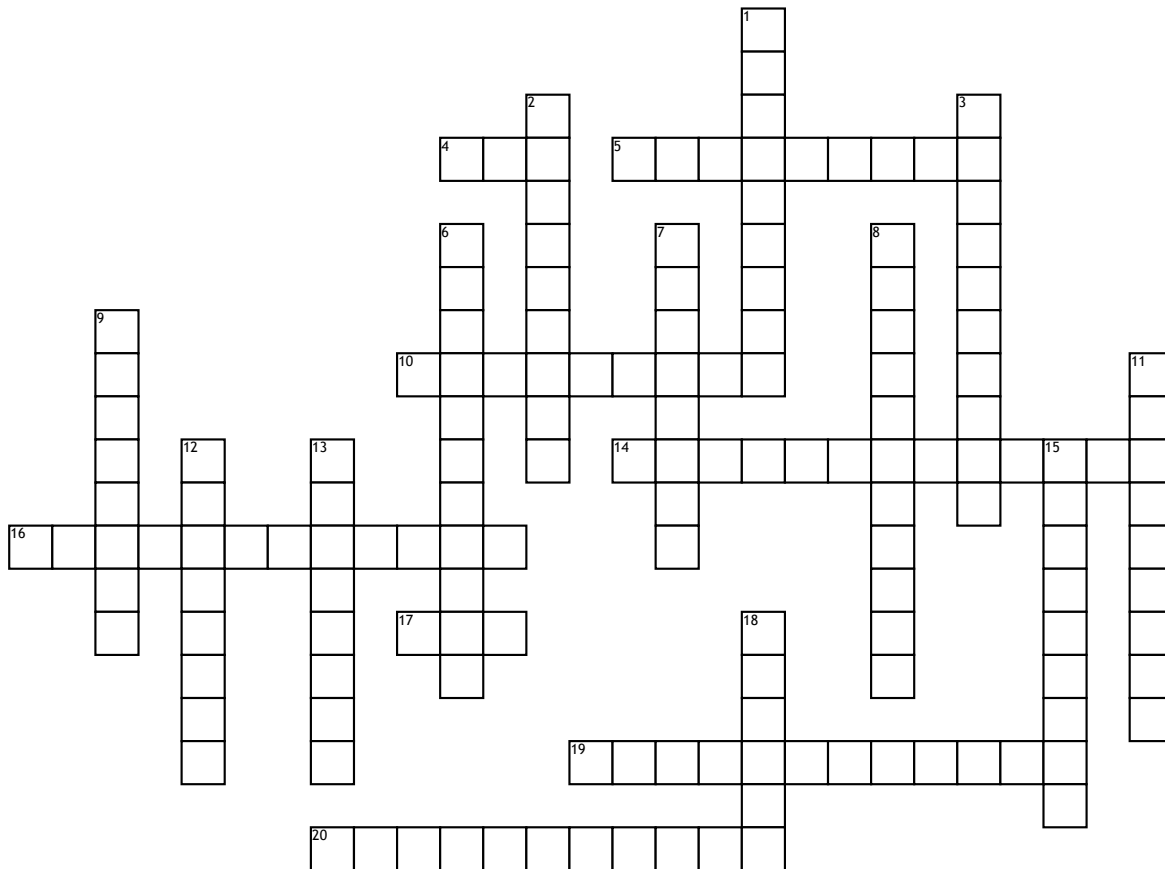


Name: _____

Date: _____

Chapters 1-8



Across

4. Matching layer is in front of the _____.
5. The acoustic resistance to sound traveling in a medium.
10. Active element thickness and frequency are _____ related.
14. Destruction of all microorganisms by exposure to extreme heat, chemicals, or radiation.
16. When a wave loses its individual characteristics as it meets another wave.

17. The time from the start of a pulse to the start of the next pulse.

19. Sound waves are _____.

20. Decibels require two _____.

Down

1. Period and frequency are _____ related.
2. _____ has a greater influence on propagation speed.
3. Sound is a _____ wave.
6. Converts one form of energy to another.
7. Power is _____ related to amplitude^2 .

8. Attenuation is _____.

9. Pulse repetition period and imaging depth are _____ related.

11. Range of frequencies in a pulse.

12. The time of flight is _____ related to depth.

13. Distance and attenuation are _____ related.

15. Pulse repetition frequency is _____ related to depth.

18. Sound travels fastest in _____.