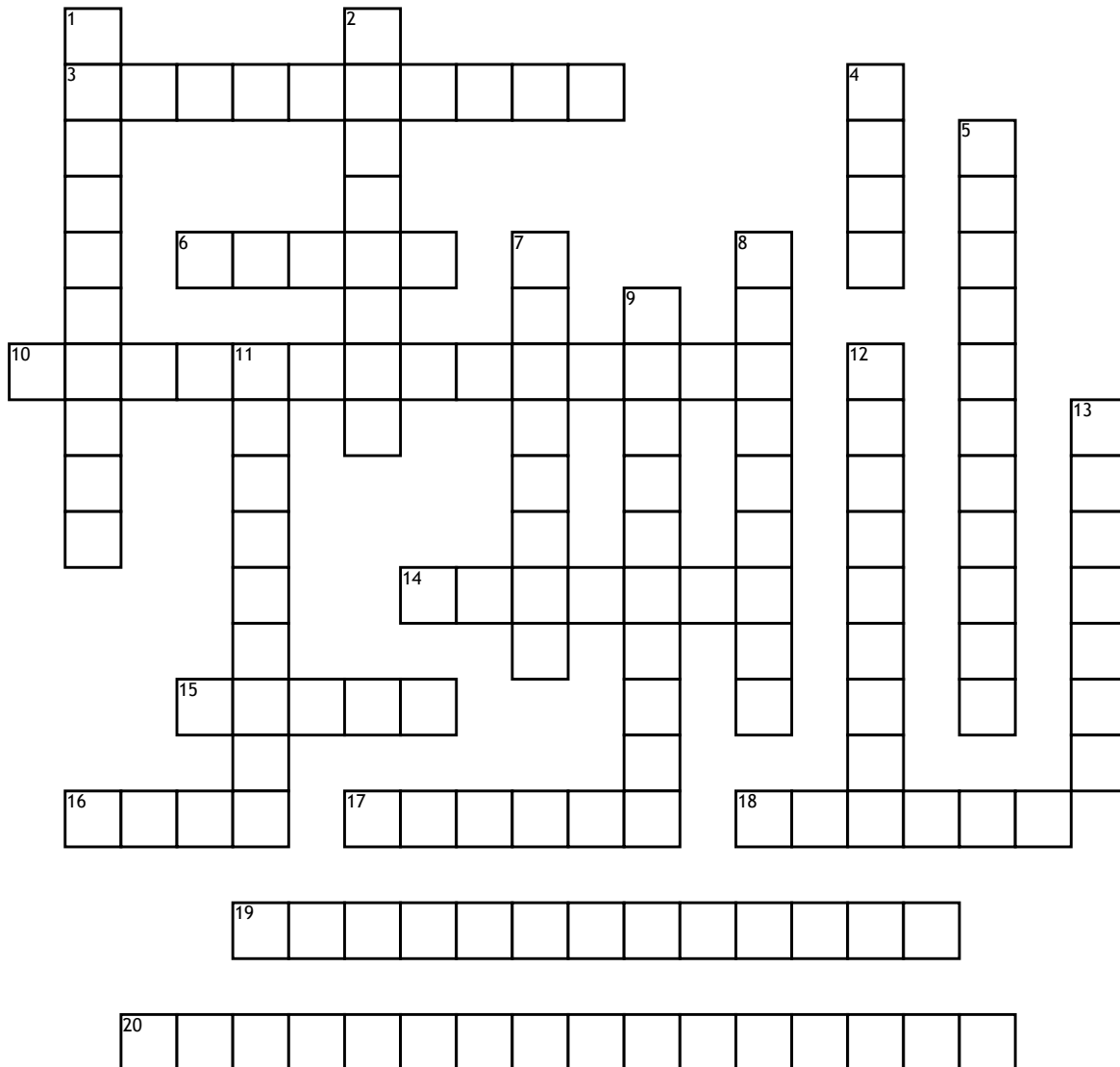


Name: _____

Date: _____

science



Across

3. the bouncing back of waves off an object
 6. the high point of a wave
 10. a wave that can only travel through a medium
 14. a repeating and recognizable feature
 15. a short burst that travels as a wave
 16. a point where a wave crosses its resting line
 17. the low point of a wave
 18. to take in or soak up
 19. energy of movement

20. a wave in which the wave's medium moves in the same direction as the movement of the wave; a compression wave

Down

1. a wave in which the movement of the wave's medium is perpendicular to the movement of the wave traveling through the medium.
 2. Person who creates designs to enhance the quality of sound within a space.
 4. a back-and-forth pattern of motion that transfers energy.

5. a wave in which the wave's medium is compressed in the same direction as the movement of the wave; a longitudinal wave.

7. speed

8. a rate of something that repeats over and over

9. the length of one wave; can be measured as the distance from the center of one peak to the center of the next peak

11. the height of the peaks above the resting line in wave

12. the study of sound

13. to bounce back