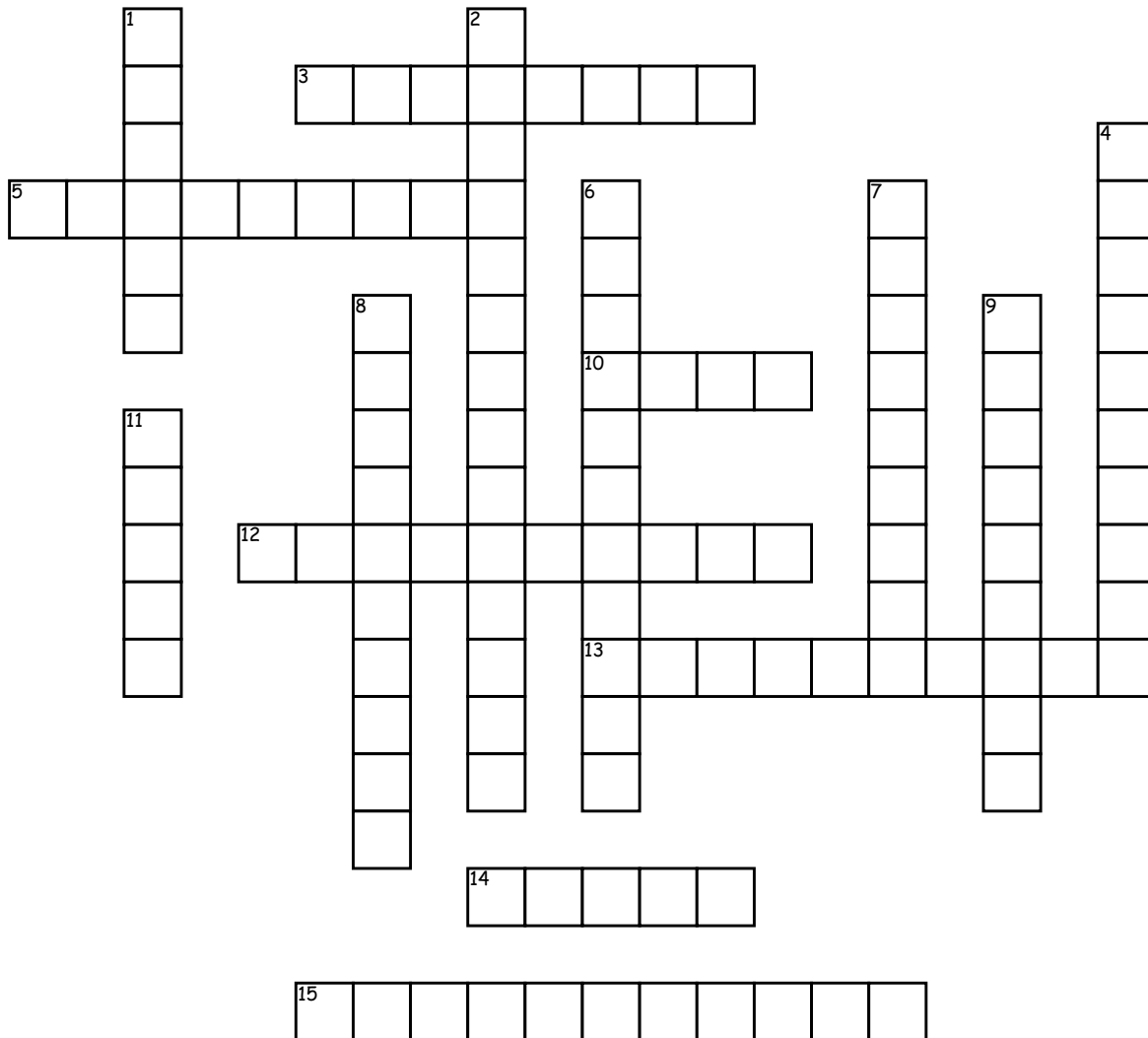


Sound



Across

3. zone of lower pressure air

5. wave of compression and rarefaction, by which sound is propagated in an elastic medium

10. reflection of sound

12. the ability of a material that has changed shape in response to an applied force to resume its initial shape once distorting force is removed.

13. frequencies below 20 hertz

14. disturbs the air in the same way a similar beat would disturb a coiled spring

15. pulse of compressed air

Down

1. sound can't travel in it.

2. multiple reflections

4. frequencies above 20,000 hertz

6. other molecules move toward rarefied regions creating this disturbance

7. study of sound properties

8. bending of sound

9. corresponds to pitch

11. subjective impression about frequency of sound by word ____.