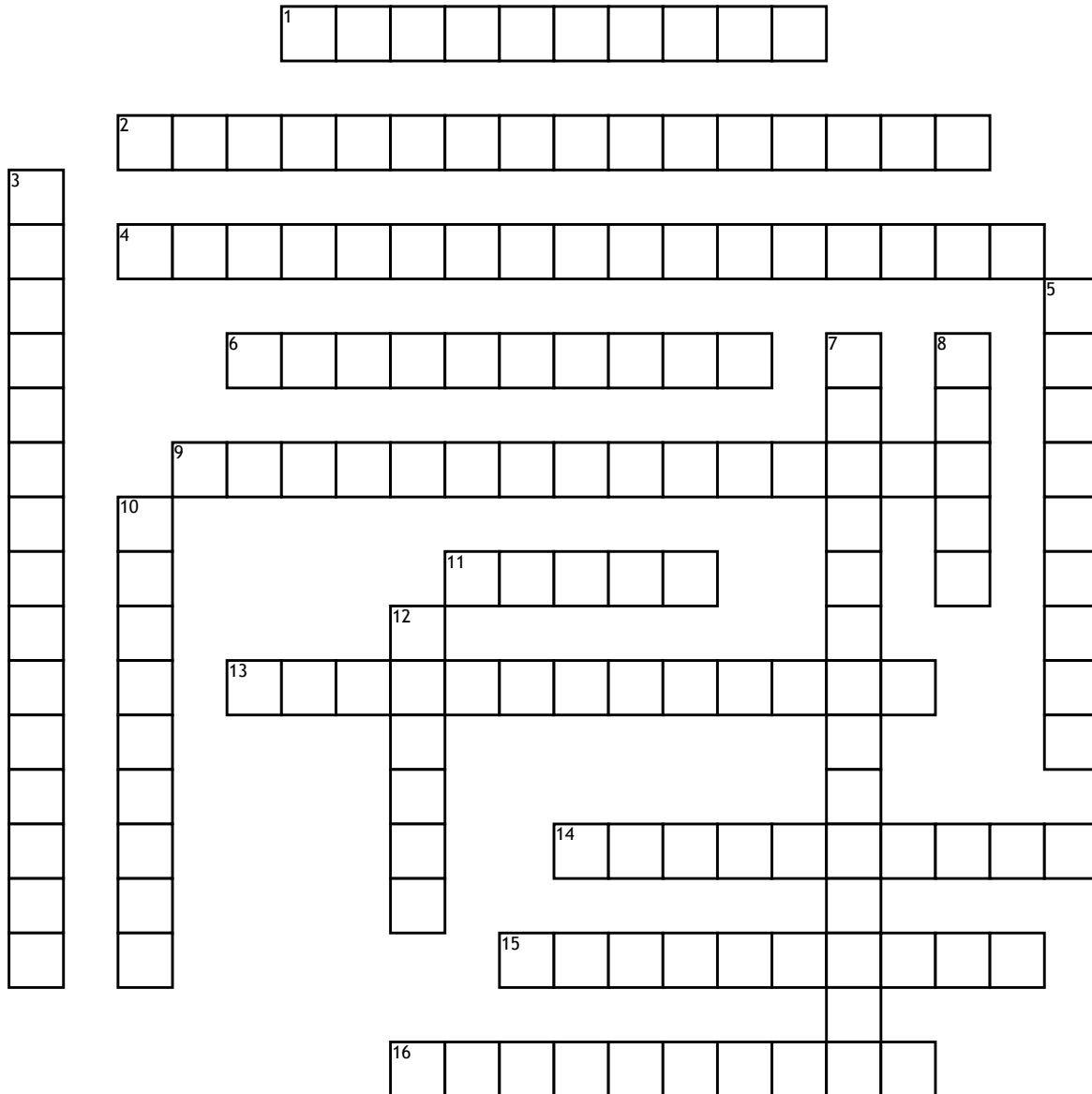


Science Chapters 4-5



Across

1. What wave compared to other waves has the longest wavelength, lowest energy and frequency
2. What is one of the models that is used to describe how light moves.
4. What term is used to describe the bending or changing direction of a wave as it passes from one material to another.
6. What term is used to describe a light wave that strikes an object and bounces off.
9. What term is used for a wave that travels sound.

11. What wave is used to locate a object and reveal its location through shorter wavelength microwaves.
13. Compared to light this wave has a longer wavelength and lower energy and frequency.
14. What is the term used for measuring the crest to crest or trough to trough in a wave.
15. What wave has the shortest wavelength and the highest frequency of all radio waves.
16. What wave can be used to describe how light moves through space.

Down

3. What is the term used to describe the part of the wave that is calm and transfers no energy.
5. What term is used to describe repetitive motions in a wave.
7. What term is used to describe matter that moves up and down in a wave.
8. What term is used to describe the top of the wave.
10. What is the term used for the height from the resting position to the trough or crest.
12. What term is used to describe the lowest part of the wave below the resting position.