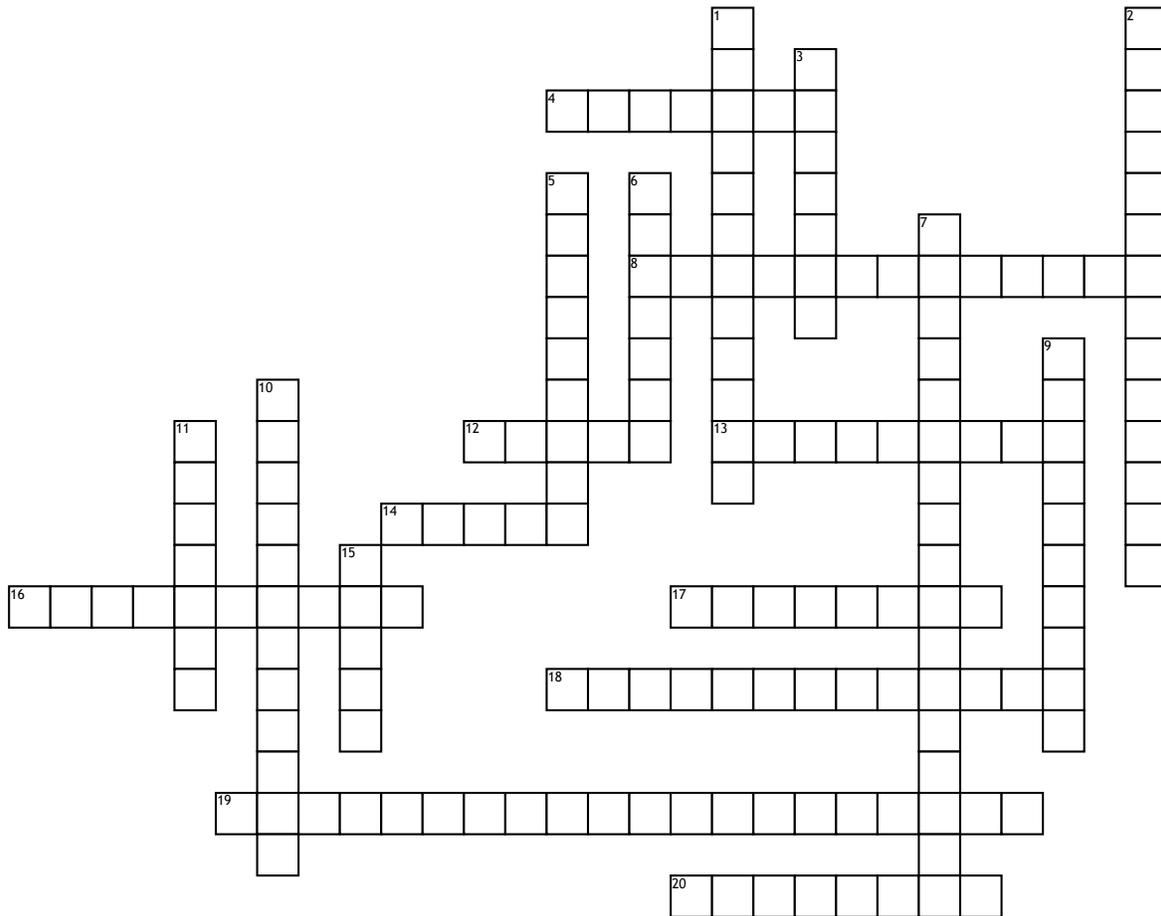


Recap on waves



Across

4. I have different amounts of neutrons
 8. Wear gloves when handling me to reduce the risks of
 12. Used to inspect luggage in airport security scanners
 13. They have no mass because they are usually so small
 14. All matter is made up of this
 16. Can heat cells from inside and damage or kill them
 17. I come from rocks

18. I am used in a smoke detector

19. We use suncream to protect ourselves from this

20. They have a neutral charge

Down

1. The number of protons is called the
 2. Use me to handle radioactive materials
 3. The overall charge of an atom is
 5. The shortest ultraviolet waves

6. The center of an atom is called the

7. This is felt as heat

9. The total number of protons and neutrons is the

10. I emit an electron

11. They have the same number of electrons

15. The process by which the nucleus changes RADIOACTIVE