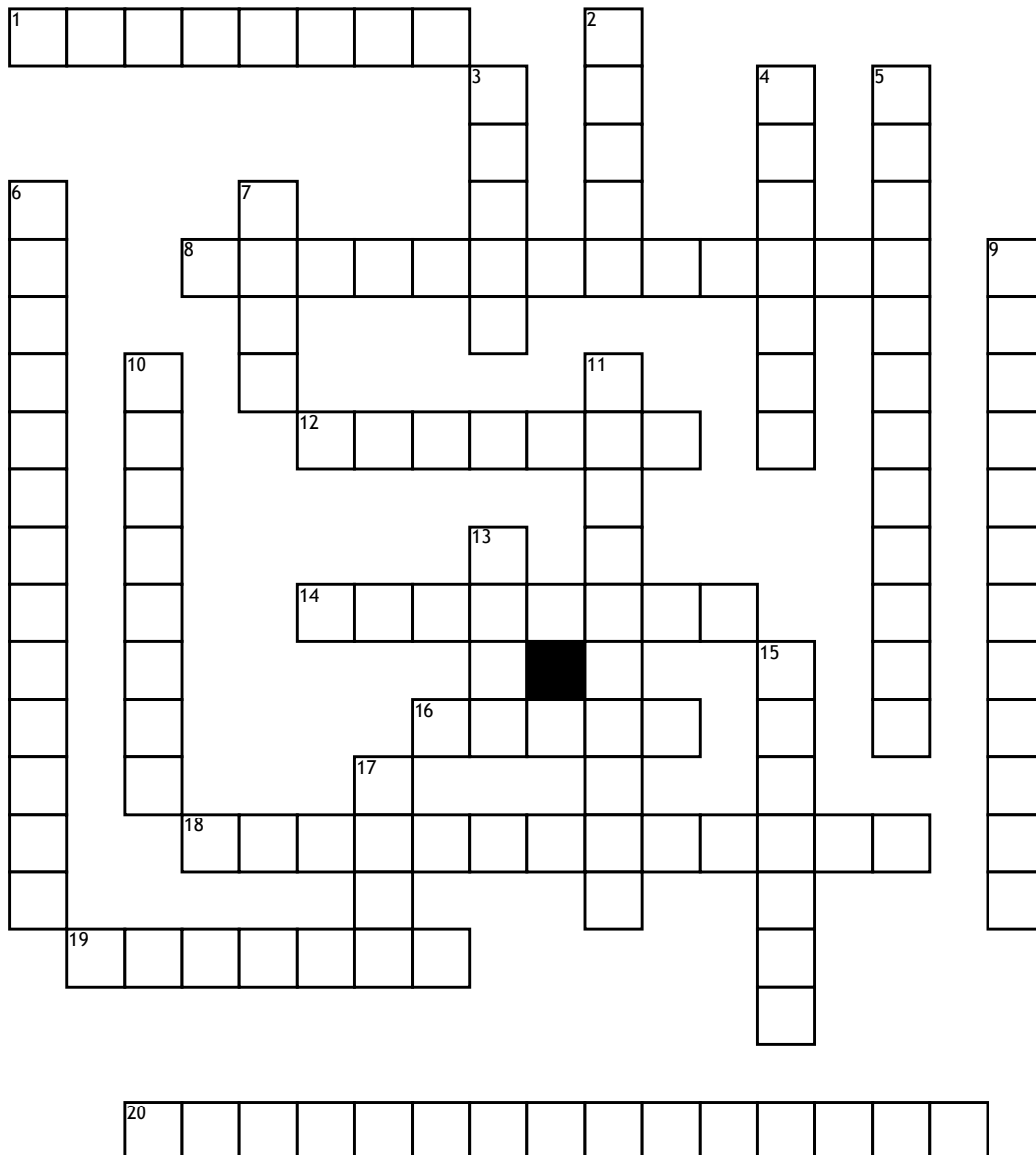


Name: _____

Date: _____

physical science Crossword puzzle



Across

- 1. the speed of something in a given direction
- 8. two forces acting in opposite directions on an object, and equal in size
- 12. the force that attracts a body toward the center of the earth, or toward any other physical body having mass
- 14. the resistance that one surface or object encounters when moving over another
- 16. a disturbance that travels through a medium as a longitudinal wave
- 18. the echos of a sound that are heard after the sound source stops producing sound waves

- 19. how much matter or mass there is in a given amount of space or volume
- 20. balanced forces act on an object at rest, the object will not move

Down

- 2. the rate at which someone or something is able to move or operate
- 3. strength or energy as an attribute of physical action or movement
- 4. a tendency to do nothing or to remain unchanged
- 5. a vehicle's capacity to gain speed within a short time
- 6. the change in frequency of a wave as its source moves in relation to an observer

- 7. a coherent, typically large body of matter with no definite shape
- 9. the moving of something from its place or position
- 10. an amount of space between two things or people
- 11. not moving or not intended to be moved
- 13. a reflected sound wave
- 15. a unit used to compare the loudness of different sounds
- 17. cease work or movement in order to relax, refresh oneself, or recover strength