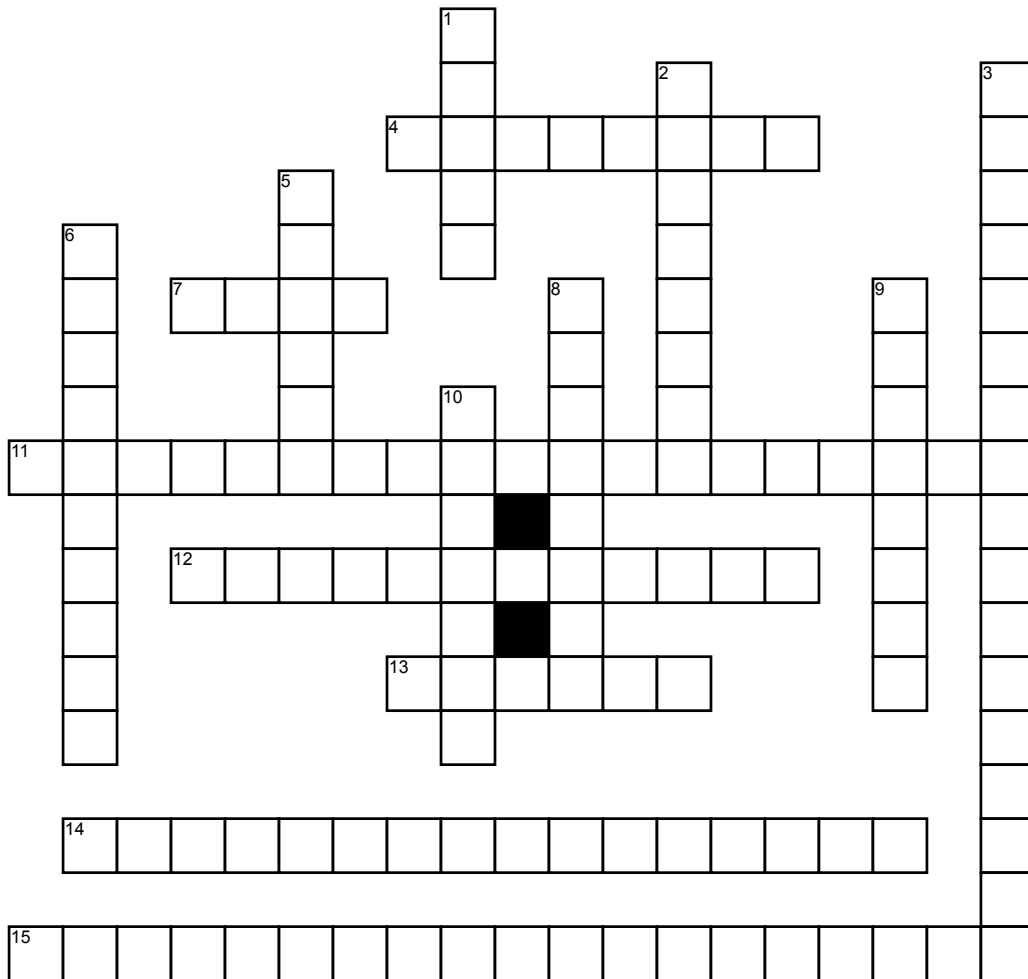


Physics vocab



Across

- 4. has both magnitude and direction
- 7. something that actually exists; reality; truth
- 11. constant acceleration. velocity stays the same throughout
- 12. rate of change of velocity of an object
- 13. a physical quantity that can be described by a single element of a number fiend such as a real number, often accompanied by units of measurement

14. numerical ratio to express a measurement from one unit to another unit

15. the one which can be varied and controlled by the experimenter

Down

- 1. only has magnitude
- 2. how much ground an object has covered during its motion
- 3. depends on the independent variable and cannot be controlled

5. a quantity that has both magnitude and direction. does not have position

6. machinery and equipment developed from the application of scientific knowledge

8. downward movement under the force of gravity

9. a particular way in which something is placed

10. study of the world using collected knowledge, observation, and experimentation

Word Bank

- | | | | |
|--------------------|----------------------|----------------------|--------------|
| free fall | uniform acceleration | scalar | acceleration |
| velocity | technology | distance | speed |
| science | fact | independent variable | vector |
| dependent variable | conversion factor | position | |