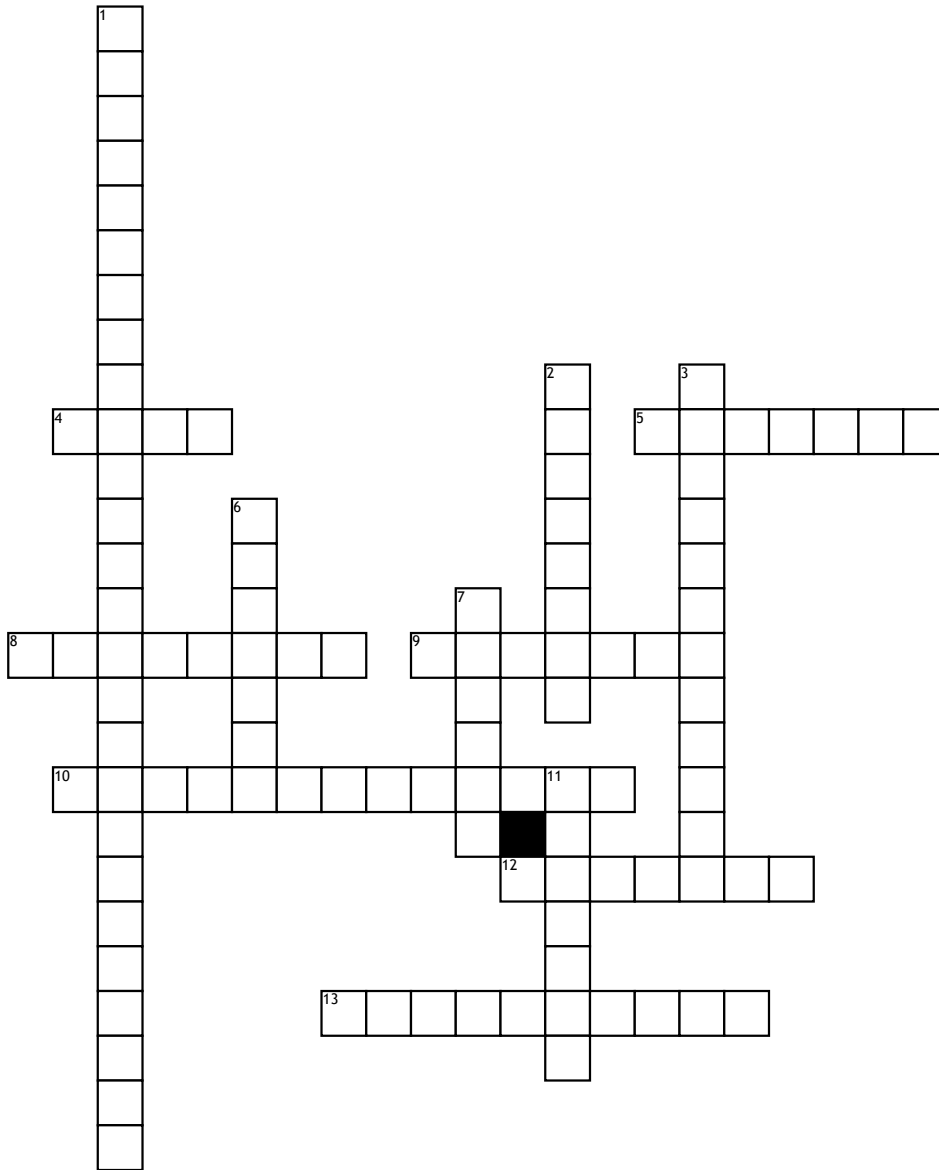


Name: _____

Date: _____

physics



Across

- 4. the amount of matter in an object
- 5. a unit of electrical charge
- 8. one of the three fundamental particles that make up an atom has a negative charge
- 9. current x resistance
- 10. $0.5 \times \text{mass} \times (\text{speed})^2$

- 12. a group of cells in a circuit
- 13. voltage/current

Down

- 1. A stone held up in the air can do work when dropped because gravity will pull it downwards. The stone has

- 2. the speed of something and its direction of travel
- 3. coal, gas and oil are all
- 6. a flow of electricity
- 7. unit of energy
- 11. the force of attraction that pulls two objects together