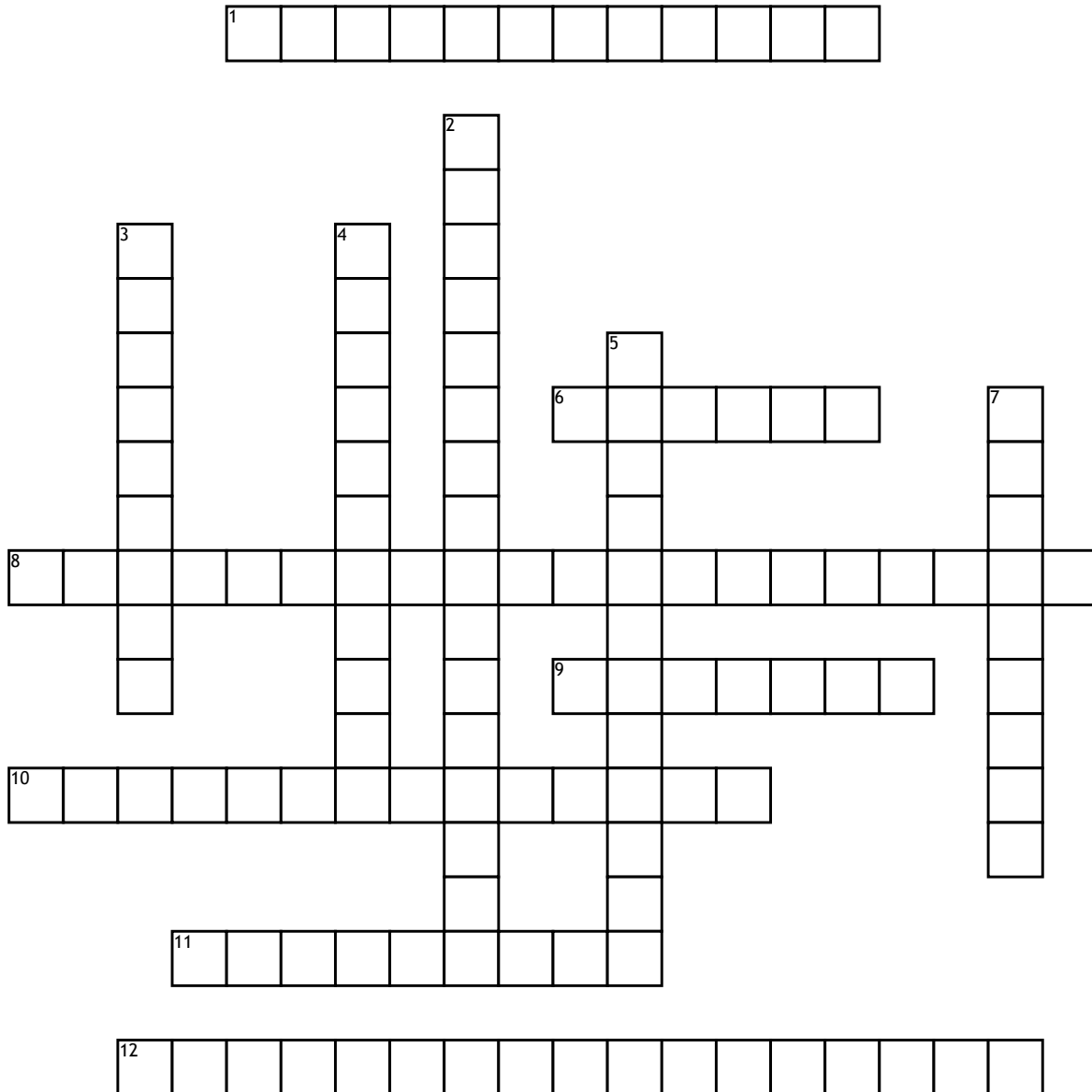


Name: _____

Date: _____

Physics



Across

1. Statement on how a material affects an electric field
6. _____'s Law of electromagnetic induction
8. Surface that has the same voltage everywhere, when the voltage at every point on the surface is compared to location of zero electric potential
9. Work done per unit of charge, which is implied by the units of J/C

10. Add together all of the entries in the data set and divide this sum by the number of entries in the data set
11. To measure voltage across a resistor, a _____ must be placed in parallel to that resistor
12. Purpose of the quantity is to express the root mean square (rms) value of deviation from the expected mean

Down

2. Device used to measure resistance and consists of a voltage source, galvanometer or other detector and 4 resistances

3. Most common example of a circuit device that utilizes electric power
4. Add together all of the entries in the data set and divide this sum by the number of entries in the data set
5. Mechanical device used for detecting electric current
7. _____'s laws for a circuit made of 3 known resistors in series