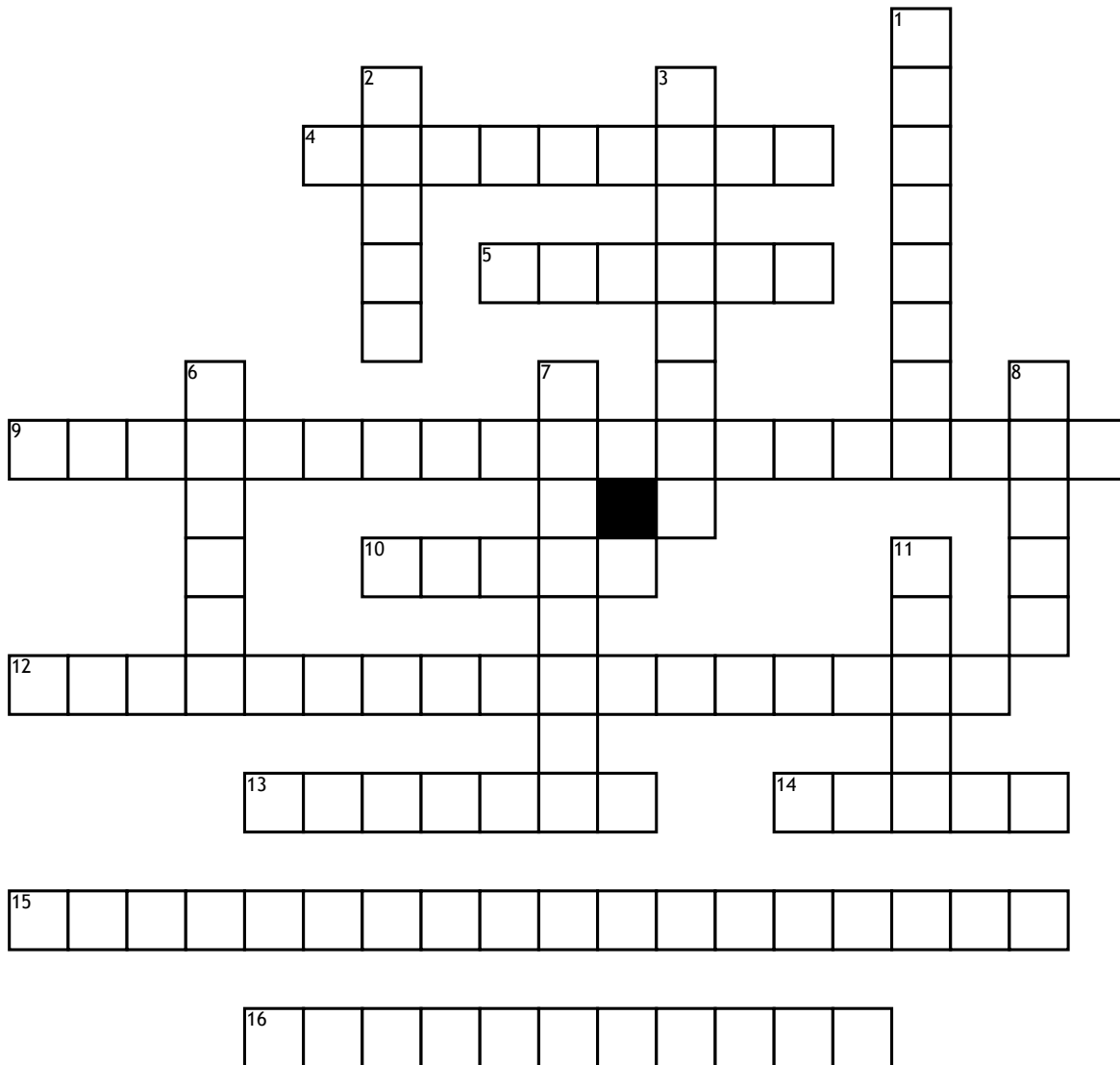


Name: _____

MEASUREMENT



Across

- 4. refers to how close a series of measurements are to one another
- 5. SI base unit of time
- 9. a systematic approach to problem solving that uses conversion factors to move from one unit to another
- 10. SI base unit of length
- 12. the number of all known digits reported in measurements plus one estimated digit
- 13. amount of mass per unit volume; a physical property

- 14. the difference between an experimental value and an accepted value
 - 15. expresses any number as a number between 1 and 10 (known as a coefficient) multiplied by 10 raised to a power (known as an exponent)
 - 16. unit defined by a combination of base units
- ## Down
- 1. refers to how close a measured value is to an accepted value
 - 2. the ratio of an error to an accepted value PERCENT

- 3. SI base unit of mass
- 6. SI base unit of temperature
- 7. unit defines in a system of measurement that is based on an object or event in the physical world and is independent of other units
- 8. SI base unit of volume
- 11. a ratio of equivalent values used to express the same quantity in different units; is always equal to one and changes the units of a quantity without changing its value CONVERSION