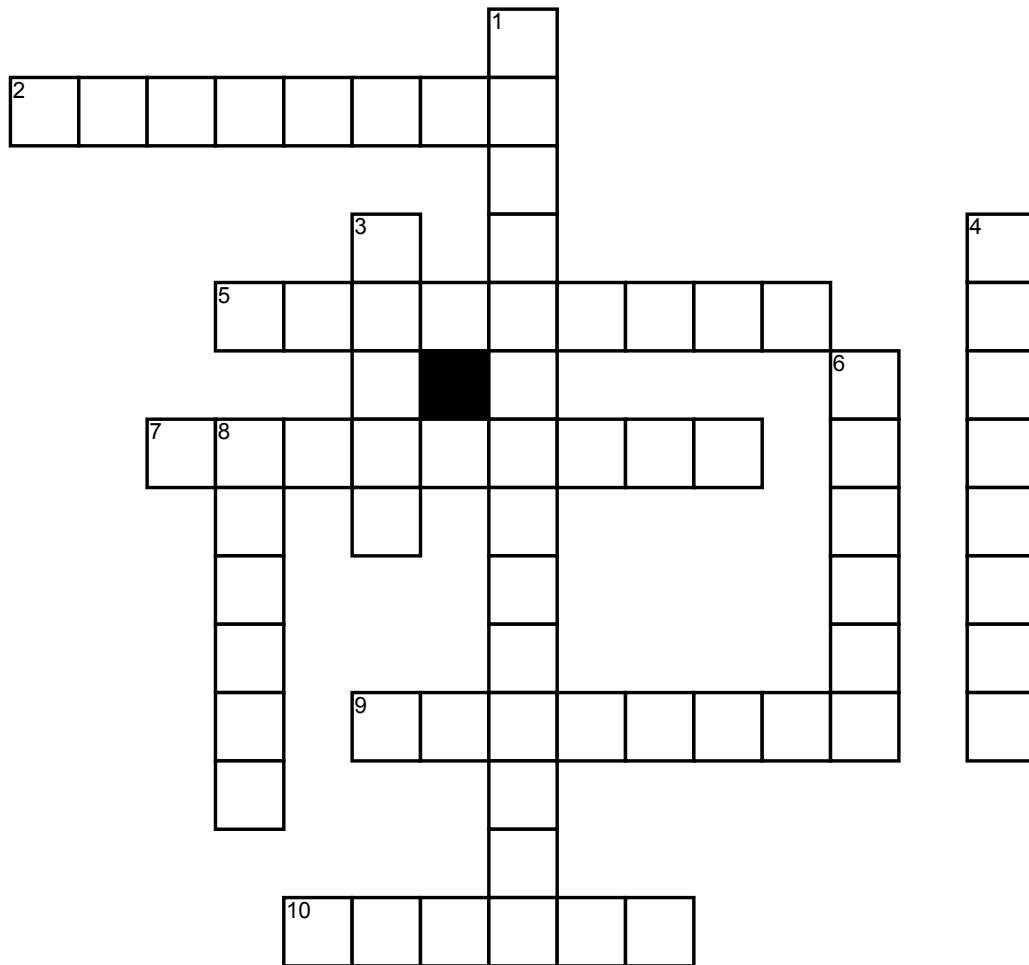


Name: _____

pre -calculus



Across

- 2. A ___ is a quantity that may change within the context of a mathematical problem or experiment.
- 5. an equation of the second degree, meaning it contains at least one term that is squared.
- 7. a complex number that can be written as a real number multiplied by the imaginary unit i , which is defined by its property $i^2 = -1$.
- 9. an activity or purpose natural to or intended for a person or thing.
- 10. a first-order equation involving two variables: its graph is a straight line in the Cartesian coordinate system. 2. any equation such that the sum of two solutions is a solution, and a constant multiple of a solution is a solution.

Down

- 1. angle formed by the terminal side of an angle and the nearest part of the x-axis reference angle
- 3. The difference between the lowest and highest values.
- 4. a statement that the values of two mathematical expressions are equal (indicated by the sign $=$).
- 6. The set of values of the independent variable(s) for which a function or relation is
- 8. A ___ is a rectangular array of numbers or other mathematical objects for which operations such as addition and multiplication are defined.

Word Bank

VARIABLE
REFERENCE ANGLE
LINEAR
IMAGINARY

QUADRATIC
RANGE
DOMAIN

EQUATION
MATRIX
FUNCTION