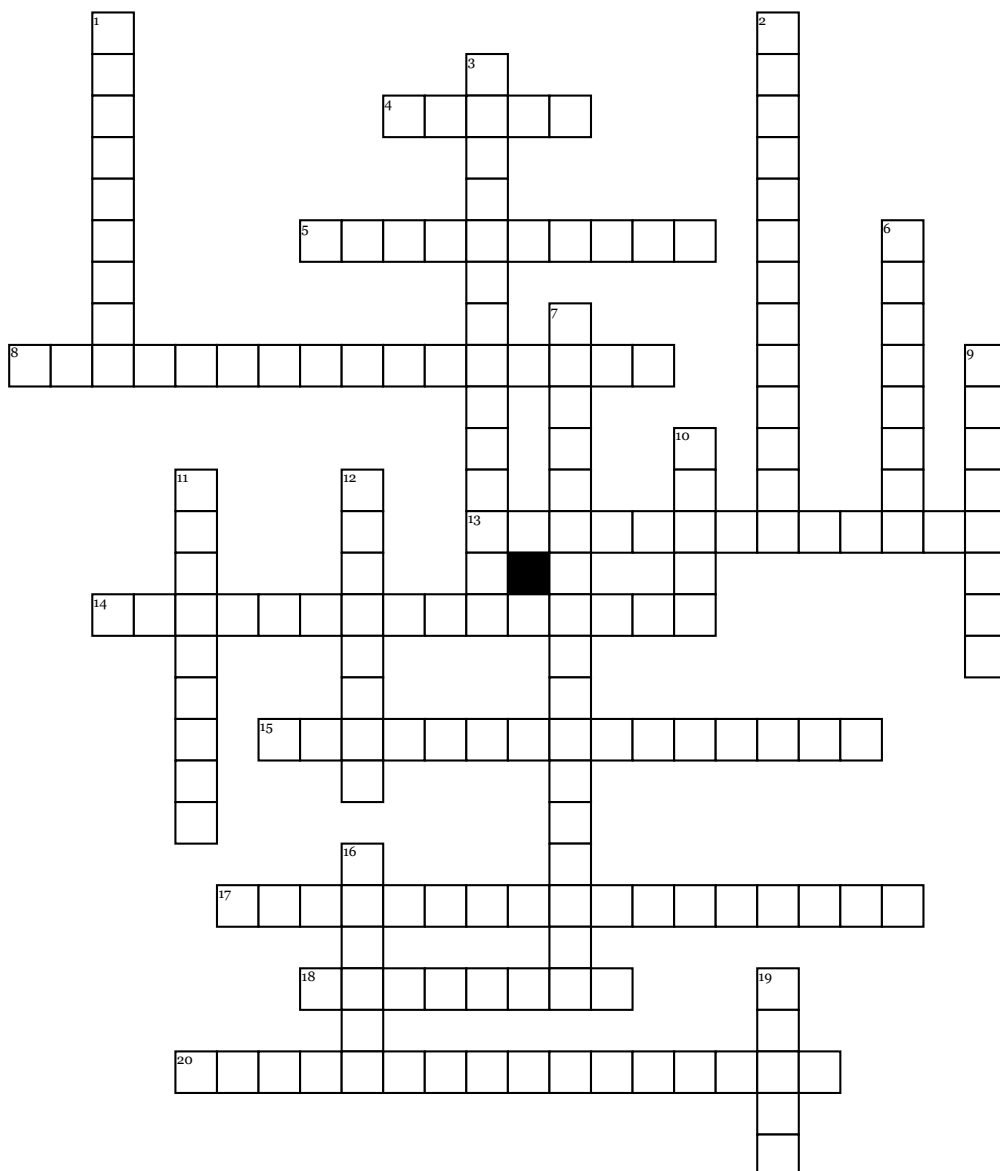


Name: _____

Date: _____

survival guide



Across

- 4.** the horizontal axis in a coordinate plane
5. a sum of monomials
8. the complex conjugate of any complex number $a+bi$, denoted $a-bi$, is $a-bi$
13. the unit in the imaginary number system
14. a relation where the domain(x) and range(y) are inverse of the original function
15. the square root of a negative number, written in the form bi , where b is a real number and i is the imaginary unit

- 17.** occurs when a quantity increase exponentially over time
18. the number under the radical sign

- 20.** occurs when a quantity decrease exponentially over time

Down

- 1.** a term with a degree of three
2. any number that can be written as $a+bi$, where a and b are real number and i
3. the original graph with no shifts, flips, or stretches
6. a mathematical statement that two expressions are equivalent

- 7.** a expression containing a square root

- 9.** a relation in which every input value is paired with exactly one output value

- 10.** the set of output values of a function or a relation

- 11.** a polynomial with three terms

- 12.** a polynomial with two terms

- 16.** the set of all possible input of a relation or function

- 19.** the vertical axis in a coordinate plane