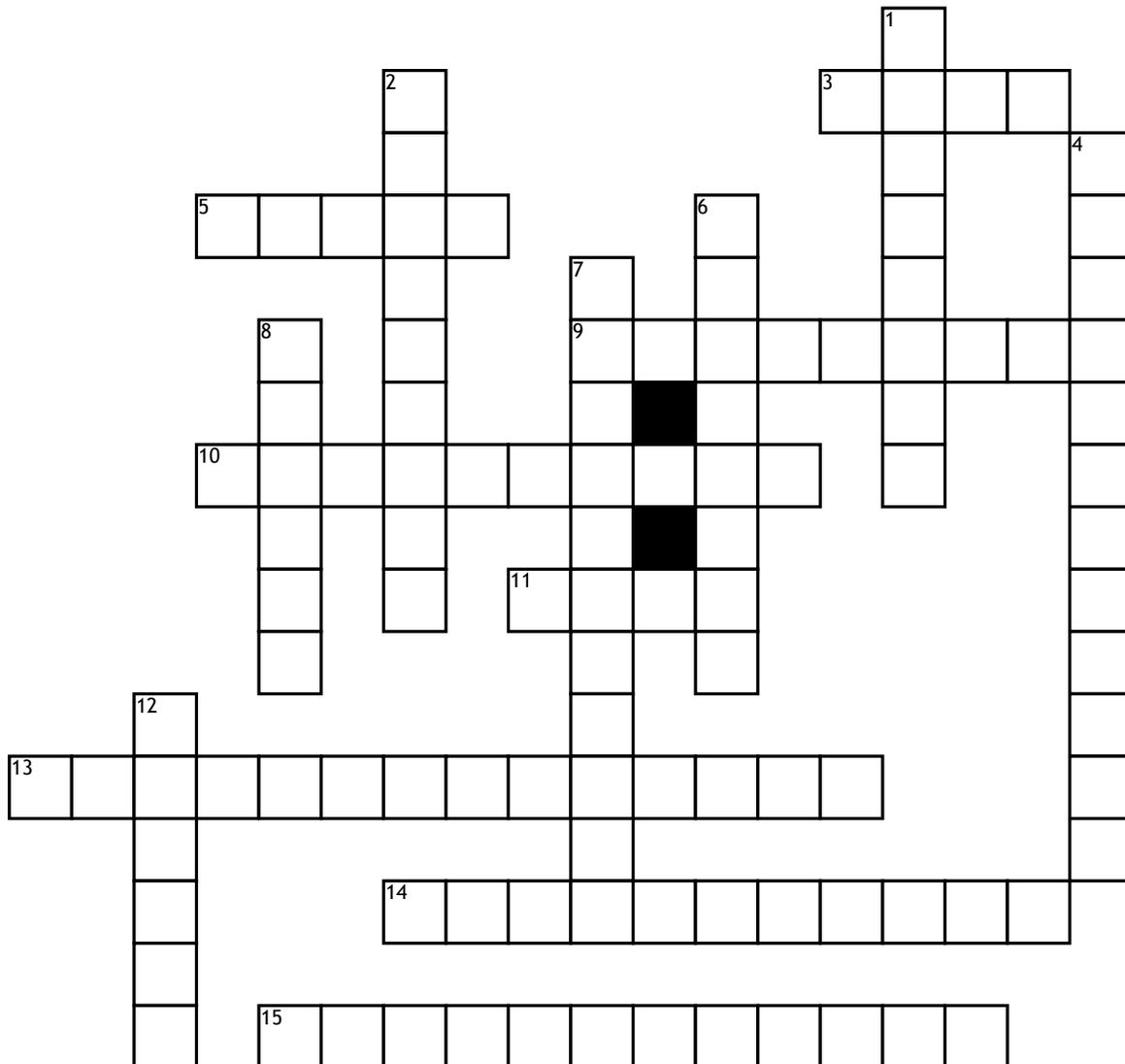Name: _____ Date: _____

# Algebra project



**Across**

**3.** In math, short word _____ is used to simplify a representation of large numbers.

**5.** is the 'steepness' of the line, also commonly known as rise over run.

**9.** something doesnt work

**10.** the point at which a given line cuts a coordinate axis; the value of the coordinate at that point.

**11.** the number after 1

**13.** y - k = m(x - h)

**14.** the branch of mathematics dealing with the properties and manipulation of numbers.

**15.** A system of equations is called an _____ system of equations if there is no solution because the lines are parallel.

**Down**

**1.** is a number on its own, or sometimes a letter such as a, b or c to stand for a fixed number.

**2.** contingent on or determined by.

**4.** is often used when speaking about momentum, and it can generally be expressed as a ratio between a change in one variable relative to a corresponding change in another; graphically, the rate of change is represented by the slope of a line.

**6.** a relationship or expression involving one or more variables.

**7.** incapable of being expressed in terms of, or derived or deduced from, the others.

**8.** arranged in or extending along a straight or nearly straight line.

**12.** to see if the problem works