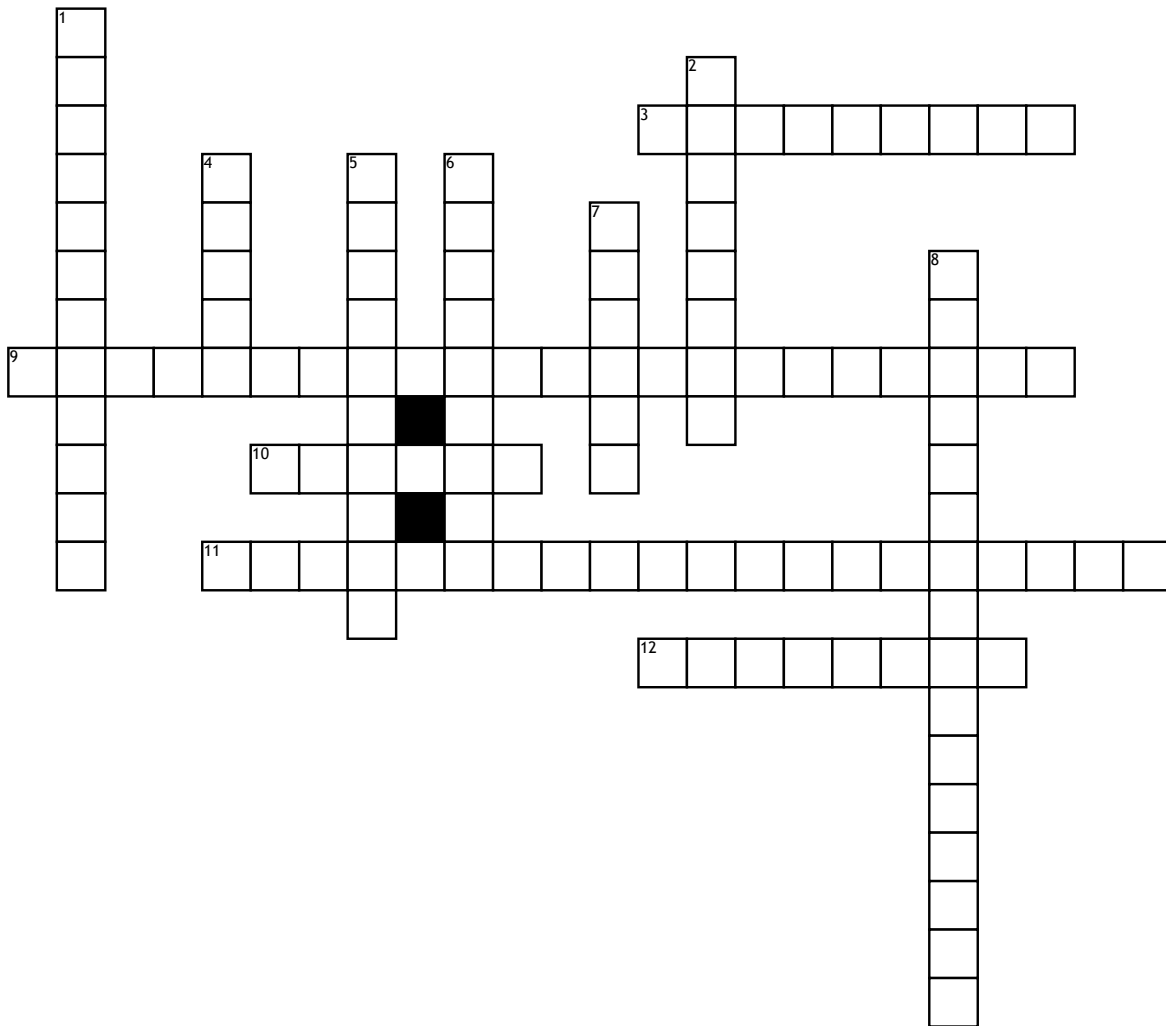


Name: _____

Pre Cal Terms



Across

3. Of, relating to, or containing quantities of the second degree.

9. a squared number subtracted from another squared number.

10. The set of all inputs for which a function or relation is defined.

11. GCF

12. The shape of the graph of $y = x^2$

Down

1. determines the number of solutions to a quadratic equation, or the number of x-intercepts of a quadratic function.

2. A special relationship where each input has a single output. It is often written as "f(x)" where x is the input value.

4. The set of all outputs of a function or relation.

5. a mathematical expression of one or more algebraic terms each of which consists of a constant multiplied by one or more variables raised to a nonnegative integral power

6. A function made up of 3 or more pieces

7. the minimum point in a parabola that opens upward, or the maximum point in a parabola that opens downward.

8. The test by which a relation is either shown to be a function or not. The graph of a function does not intersect with a vertical line more than once.