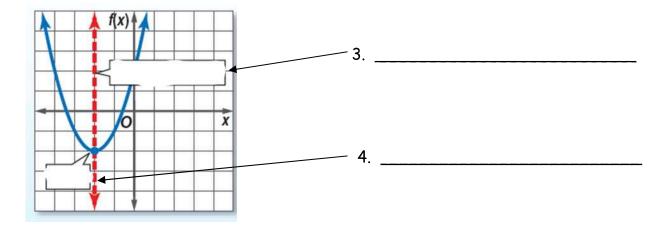
## Graphing Quadratics Review Worksheet

Fill in each blank using the word bank.

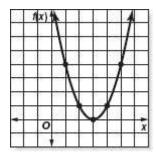
vertex	minimum	axis of symmetry	x-intercepts
parabola	maximum	zeros/roots	$ax^2 + bx + c$

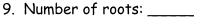
- 1. Standard form of a quadratic function is y = \_\_\_\_\_\_
- 2. The shape of a quadratic equation is called a \_\_\_\_\_\_

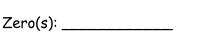


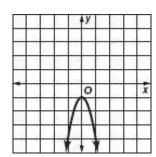
- 5. When the vertex is the highest point on the graph, we call that a \_\_\_\_\_\_.
- 6. When the vertex is the lowest point on the graph, we call that a \_\_\_\_\_\_\_.
- 7. Our solutions are the \_\_\_\_\_\_.
- 8. Solutions to quadratic equations are called \_\_\_\_\_\_\_.

Determine whether the quadratic functions have two real roots, one real root, or no real roots. If possible, list the zeros of the function.



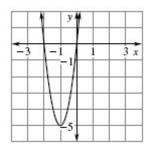






10. Number of roots: \_\_\_\_

Zero(s): \_\_\_\_\_



11. Number of roots: \_\_\_\_

Zero(s): \_\_\_\_\_