# Activity 6.1.1

1. Identify each quadratic function below as being in general form, factored form, vertex form, or none of these forms.
2. 
3. 
4. Each quadratic function below is written in vertex form. What are the coordinates of each vertex?
5. 
6. 
7. Each quadratic function below is written in factored form. What are the zeros of each function?
8. 
9. 
10. Convert each function to general form.
11. 
12. 
13. Convert each function to general form.
14. 
15. 
16. Use the following information about the parabola to find the equation of the quadratic function.
17. Vertex: (2, -2), Roots= 0, 4
18. Vertex (-1, -4), Point on the parabola (2, 5)