Math 1314 − College Algebra ***Homework Sec.* 1.4**

*Professor*: Fred khoury

1. For , find
2. Find the vertex point
3. Find the line of symmetry
4. State whether there is a maximum or minimum value *and* find that value
5. Find the zeros of 
6. Find the range and the domain of the function.
7. Graph the function and ***label.***
8. On what intervals is the function increasing? Decreasing?
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