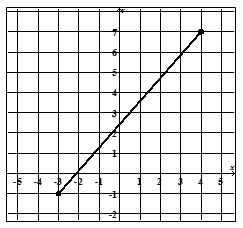
5.2b Properties of Quadratics in Standard Form Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Hour \_\_\_\_\_\_\_

1. Direction of Opening?
2. Is the vertex a min or max?
3. Vertex? (\_\_\_\_,\_\_\_\_)
4. Axis of Symmetry: \_\_\_\_\_\_\_\_
5. y-intercept? (\_\_\_\_,\_\_\_\_)
6. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)
   1. Direction of Opening?
   2. Is the vertex a min or max?
   3. Vertex? (\_\_\_\_,\_\_\_\_)
   4. Axis of symmetry: \_\_\_\_\_\_\_\_
   5. y-intercept? (\_\_\_\_,\_\_\_\_)
   6. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)
   7. Direction of Opening?
   8. Is the vertex a min or max?
   9. Vertex? (\_\_\_\_,\_\_\_\_)
   10. Axis of Symmetry: \_\_\_\_\_\_\_\_
   11. y-intercept? (\_\_\_\_,\_\_\_\_)
   12. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)
   13. Direction of Opening?
   14. Is the vertex a min or max?
   15. Vertex? (\_\_\_\_,\_\_\_\_)
   16. Axis of symmetry: \_\_\_\_\_\_\_
   17. y-intercept? (\_\_\_\_,\_\_\_\_)
   18. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)
   19. Direction of Opening?
   20. Is the vertex a min or max?
   21. Vertex? (\_\_\_\_,\_\_\_\_)
   22. Axis of symmetry: \_\_\_\_\_\_\_
   23. y-intercept? (\_\_\_\_,\_\_\_\_)
   24. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)
   25. Direction of Opening?
   26. Is the vertex a min or max?
   27. Vertex? (\_\_\_\_,\_\_\_\_)
   28. Axis of symmetry: \_\_\_\_\_\_\_
   29. y-intercept? (\_\_\_\_,\_\_\_\_)
   30. x-intercepts? (\_\_\_\_,\_\_\_\_) & (\_\_\_\_,\_\_\_\_)

Cumulative Review

1. What is the domain for this function? {(2, -1), (5, 3), (4, 0), (7, -2)}
2. Find the solution to this system of equations.



1. What is the domain for the given graph?
2. What is the range for the given graph?