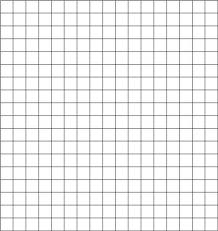
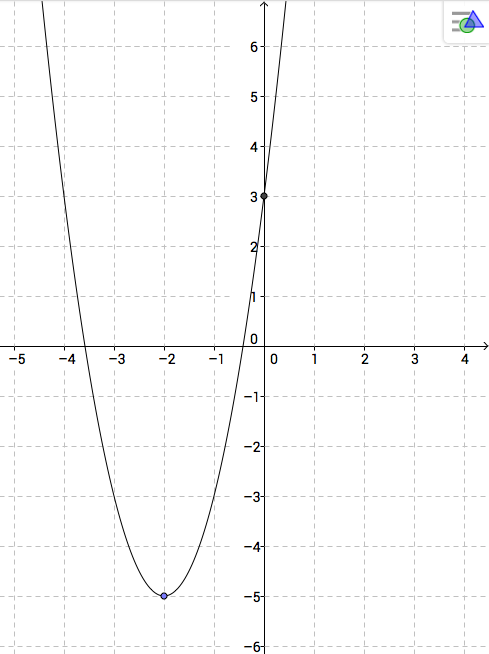
**QUIZ Chapter 3 Part II**

1. Fill the following table:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Quadratic function |  | | | |  | | | |
| Orientation |  | | | |  | | | |
| Axis of symmetry |  | | | |  | | | |
| Vertex |  | | | |  | | | |
| Number of zeros |  | | | |  | | | |
| y-intercept |  | | | |  | | | |
| Table of values | *x* | 5 | 6 | 7 | *x* | 0 | 1 | 2 |
| *y* |  |  |  | *y* |  |  |  |

1. Graph and show your work.  
      
    
2. Determine the equation of the following function:



1. Determine the number of *x*-intercepts of the following functions. Explain your reasoning.  
     
   a)   
     
     
     
     
     
   a)   
     
     
     
     
   a)