**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)