Assignment: Qu̇adratic Relations

1. Complete the following table:

y = 3x²			
x	y	First Differences	Second Differences
-4			
-3			
-2			
-1			
0			
1			
2			
3			
4			

3. State the vertex, determine if the parabola has a maximum or a minimum and defir the equation of the axis of symmetry for the following graph:

$y = x^2 - 6x + 7$