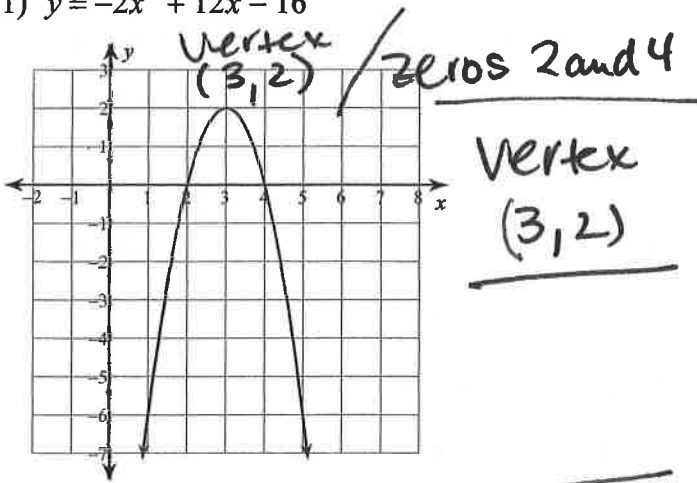


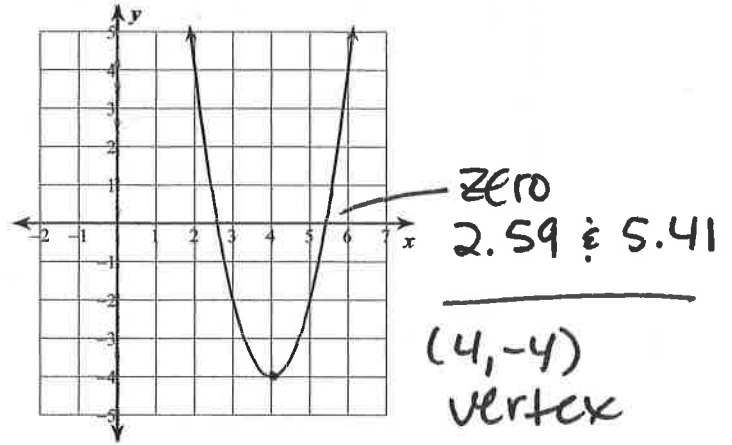
Graphing Quadratics with Calculator Practice

Find: a) the vertex b) the zeros c) Sketch the graph of each function.

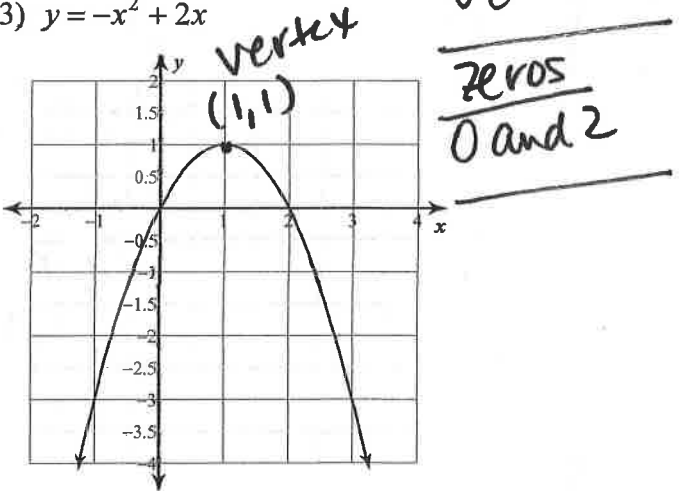
1)  $y = -2x^2 + 12x - 16$



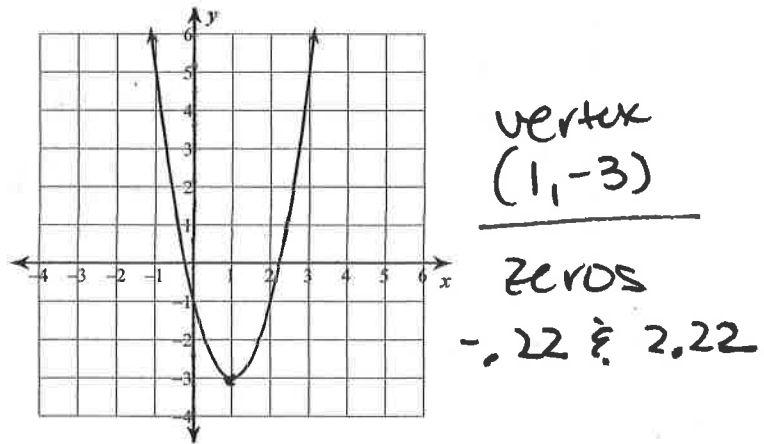
2)  $y = 2x^2 - 16x + 28$



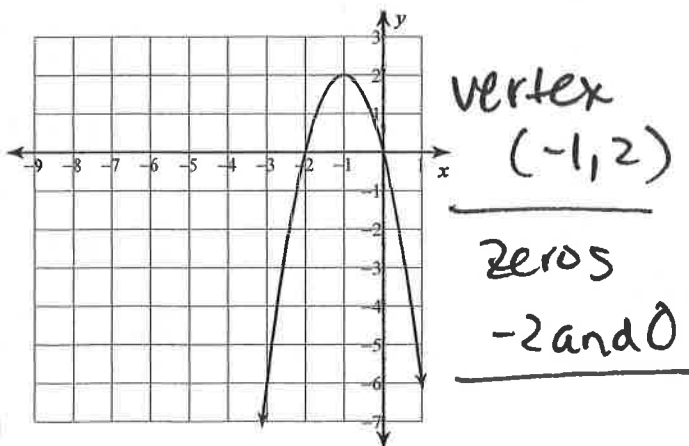
3)  $y = -x^2 + 2x$



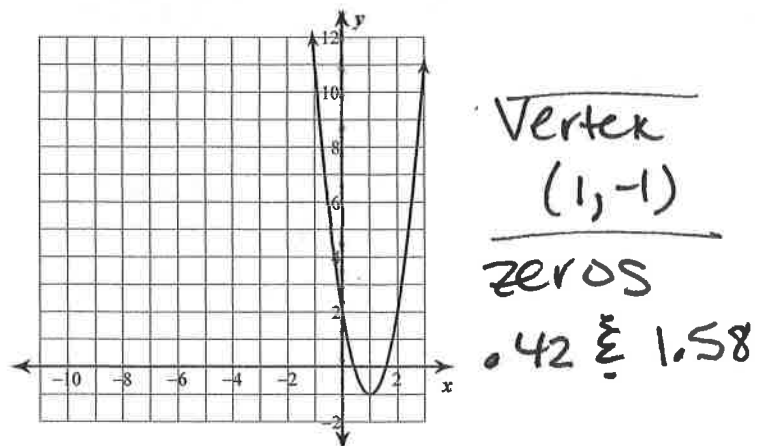
4)  $y = 2x^2 - 4x - 1$



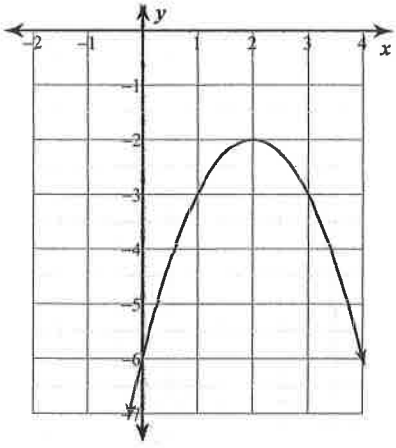
5)  $y = -2x^2 - 4x$



6)  $y = 3x^2 - 6x + 2$

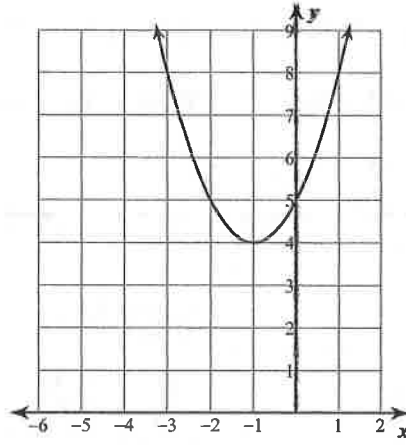


7)  $y = -x^2 + 4x - 6$



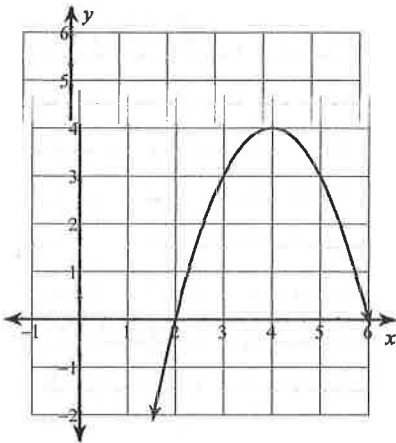
Vertex  
(2, -2)  
No zeros

8)  $y = x^2 + 2x + 5$



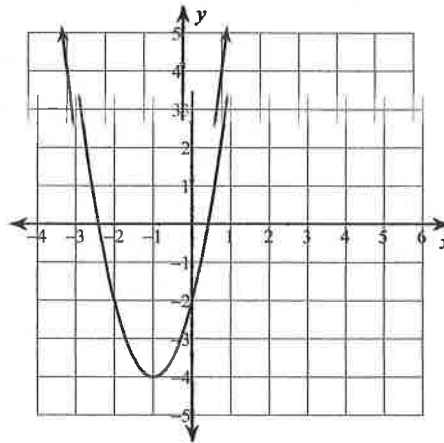
Vertex  
(-1, 4)  
no zeros

9)  $y = -x^2 + 8x - 12$



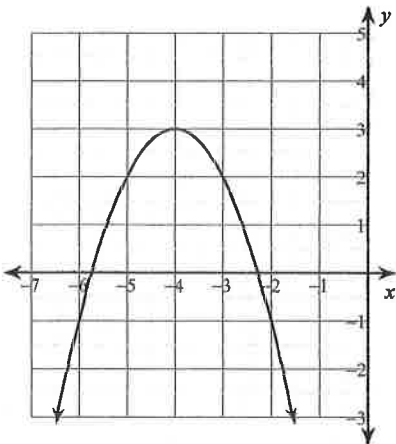
Vertex  
(4, 4)  
Zeros  
2 and 6

10)  $y = 2x^2 + 4x - 2$



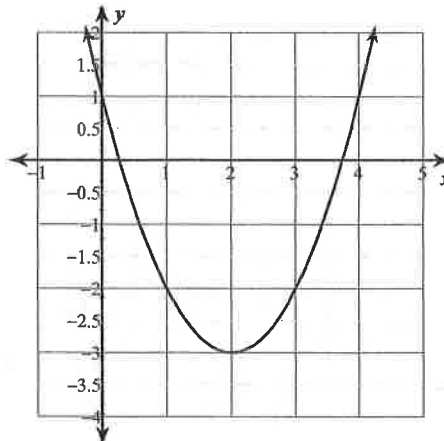
Vertex  
(-1, -4)  
Zeros  
-2.41 and  
.41

11)  $y = -x^2 - 8x - 13$



Vertex  
(-4, 3)  
Zeros  
-5.73 and -2.27

12)  $y = x^2 - 4x + 1$



Vertex  
(2, -3)  
Zeros  
.26 and 3.73