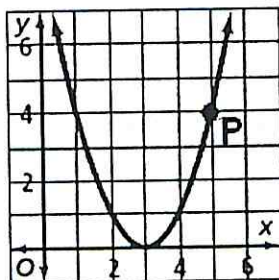


H Alg 2

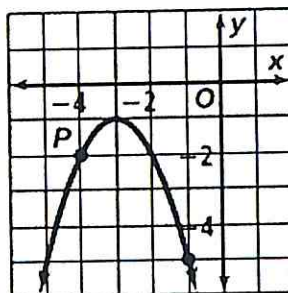
Sec 5 - 1, 5 - 2, 5 - 3

Identify the vertex, tell if the vertex is a max or min and find the corresponding point P'.

1.



2.



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

4. $y = 5x^2 - 10x - 4$

5. $y = -3x^2 - 6x + 5$

6. $y = x^2 - 6$

7. $y = -2(x+1)^2 - 5$

8. $y = 3(x-2)^2 + 4$

Graph #'s 3 - 8.

Write a quadratic equation for each set of data.

9. $(-4, 8), (-1, 5), (1, 13)$

10. $(-1, 10), (2, 4), (3, -6)$

11.

x	-1	2	3
$f(x)$	12	3	4