

Assignment

Date _____ Period _____

On a separate sheet of paper complete the square to put each equation in vertex form. Identify the vertex.

1) $f(x) = x^2 - 6x + 8$

2) $f(x) = x^2 + 4x$

3) $f(x) = x^2 - 8x + 19$

4) $f(x) = x^2 + 2x - 3$

5) $f(x) = x^2 - 2x + 5$

6) $f(x) = x^2 + 6x + 12$

7) $f(x) = x^2 - 6x + 11$

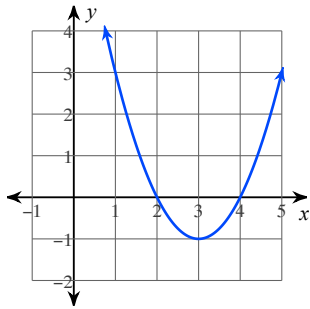
8) $f(x) = x^2 + 8x + 19$

9) $f(x) = x^2 + 2x - 2$

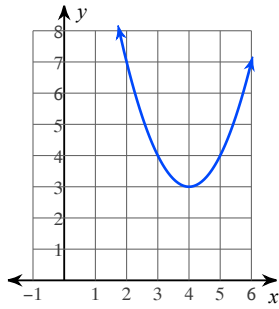
10) $f(x) = x^2 - 6x + 7$

Answers to Assignment (ID: 1)

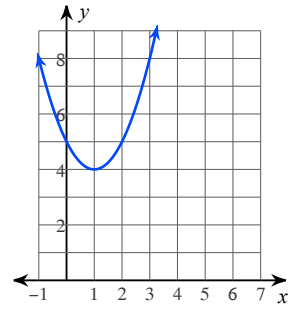
1)



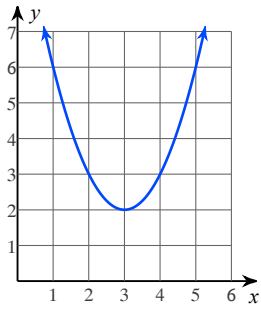
3)



5)



7)



9)

