

Now, take each of these and rewrite in Vertex Form. Then identify the vertex: (?, ?) $X = \frac{-b}{2a}$

Standard Form	Vertex Form	Vertex is at ...
5. $y = x^2 + 8x - 1$ $a =$ $b =$ $c =$		
6. $y = x^2 - 6x + 17$ $a =$ $b =$ $c =$		
7. $y = x^2 - 5x - 11$ $a =$ $b =$ $c =$		
8. $y = x^2 + 10x$ $a =$ $b =$ $c =$		
9. $y = x^2 + 10x - 4$ $a =$ $b =$ $c =$		