

Characteristic	$y = -2(x-1)^2 - 4$	$y = 2(x+5)^2 - 1$	$y = 4(x-5)^2 + 3$	$y = -\frac{1}{2}(x-6)^2 - 4$	$y = 5(x+3)^2 - 2$																			
1. Value of "a"																								
2. Value of "p"																								
3. Value of "q"																								
4. Curve wider, normal narrower than $y = x^2$																								
5. Direction of opening																								
6. Coordinates of the vertex																								
7. Equation of axis of symmetry																								
8. Domain of the function																								
9. Range of the function																								
10. Does the curve have a maximum or minimum value?																								
11. What is the maximum or minimum value?																								
12. Table of Values	X	-2	-1	0	1	2	X	-2	-1	0	1	2	X	-2	-1	0	1	2	X	-2	-1	0	1	2
	Y						Y						Y						Y					
13. Sketch the graph																								

