Notes on Quadratics   Name _____

Write an example of a quadratic table:

x	y		How do you know this table is Quadratic?
0			_____
1			_____
2			_____
3			_____
4			_____
5			_____

What is the constant Second Difference? Why is is it important?

_____

_____

_____

The "Vertex" Form of a quadratic is written as follows: $y = a(x - h)^2 + k$

What do the different parts of the equation mean?

a	- h
_____	_____
_____	_____
_____	_____
k	
_____	
_____	
_____	