Part 1

What type of graph is that?

- ❑ Ellipses
- ❑ Parabolas
- ❑ Circle
- ❑ Hyperbolas

x = h	$(h, k+\frac{1}{4a})$	$x = h-\frac{1}{4a}$	$y = k-\frac{1}{4a}$	$\lvert\frac{1}{a}\rvert$ units	$\lvert\frac{1}{a}\rvert$ units
Upward / Downward	Right / Left	$x = a(y-k)^2+h$	$y = a(x-h)^2+k$		

	Horizontal	Vertical
Form of Equation		
Direction of Opening		
Vertex	(h, k)	(h, k)
Axis of Symmetry		y = k
Focus	$(h+\frac{1}{4a}, k)$	
Directrix		
Length of Latus Rectum		

LIVEWORKSHEETS