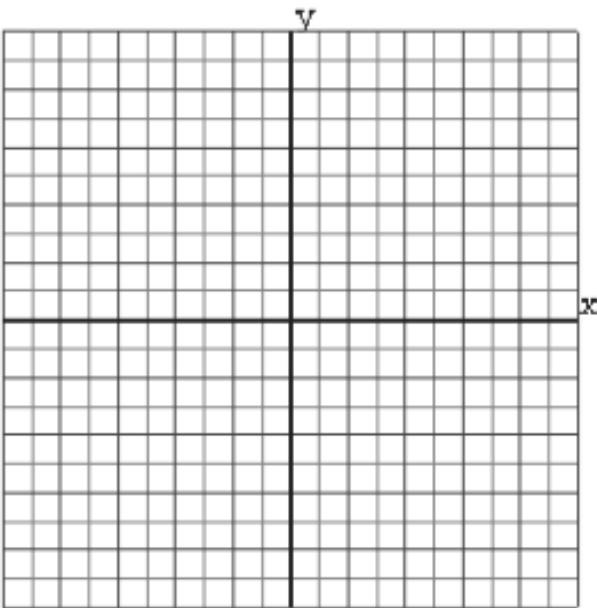


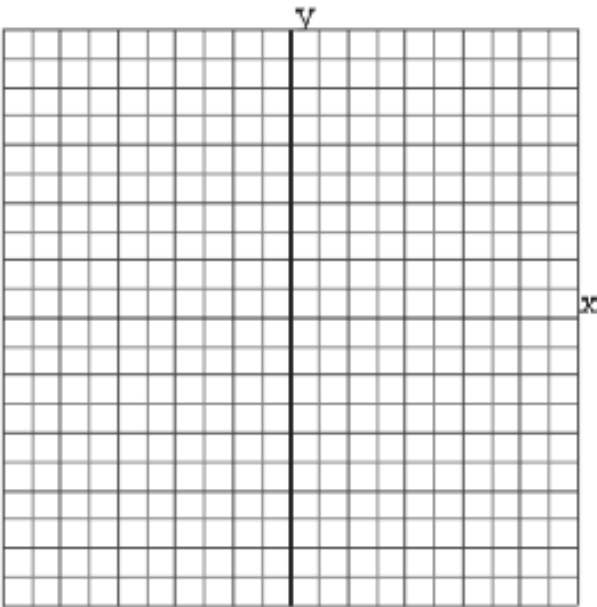
Graph the following quadratics on the grid attached. Include the following:

- (i) a written description of the transformations applied to $y = x^2$
- (ii) include the graph $y=x^2$
- (iii) at least three accurately transformed points (includes the vertex)

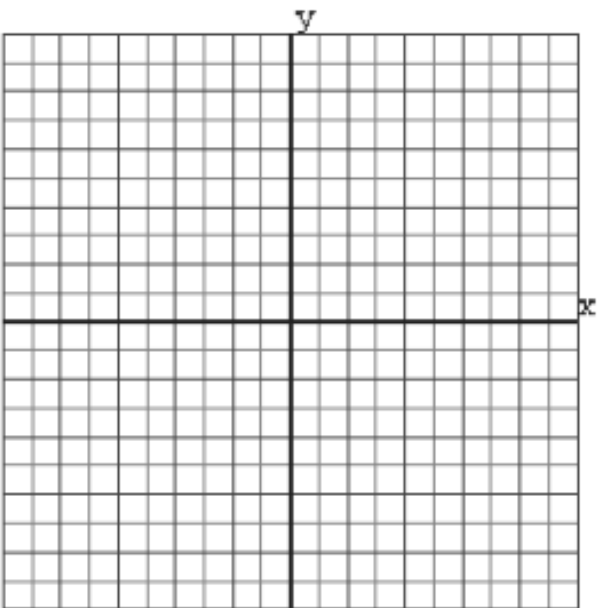
1. $y=3(x-2)^2+1$



2. $y = \frac{1}{2}(x-4)^2 + 2$



3. $y = -2(x+3)^2 - 3$



Criteria	ME	PEER	Teacher
Have I used descriptive words like; left, down, up, reflect, stretch.			
Have I drawn the parent/base graph of $y=x^2$ for each question.			
Are my final graphs (and points) neat and easy to read?			