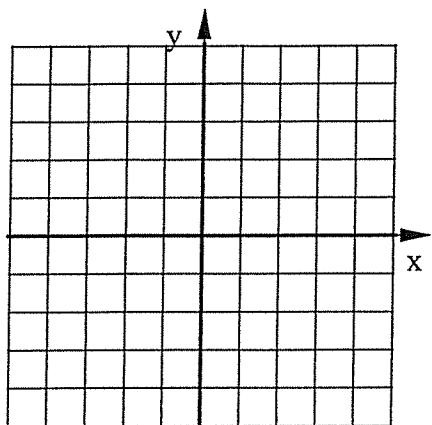


Graphs of parabolas must have at least 5 points including the Vertex.

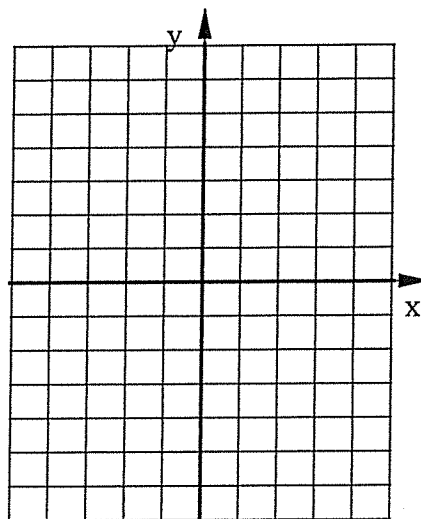
Use the graphs below for problems 2, 4, 11, and 19. Show the work you did to graph the parabola.

Use the rest of the paper, front and/or back, for the remaining problems.

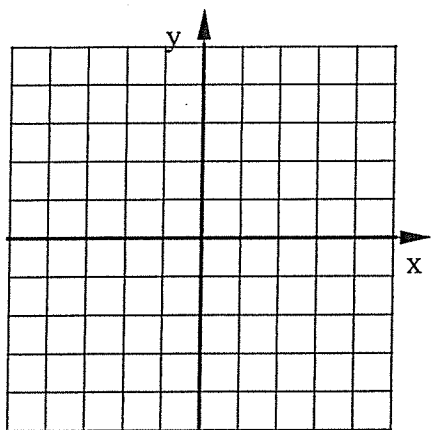
2. $y = -x^2 - 1$



4. $y = 3x^2 - 6$



11. $y = -x^2 + 2x + 1$



19. $y = 3x^2 - 12x + 10$

