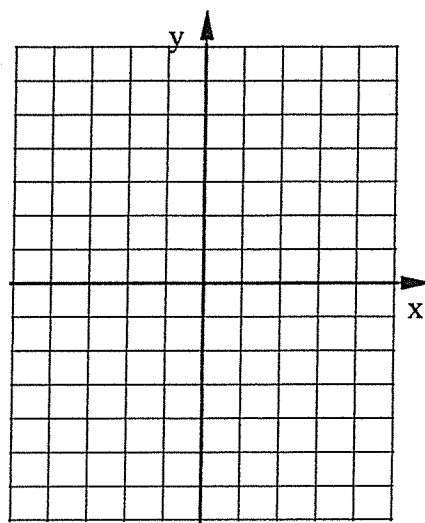
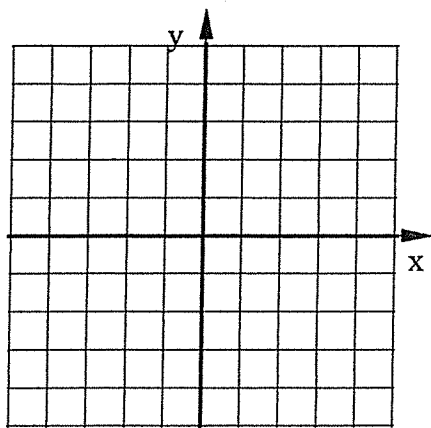


Graph each parabola using at least 5 points. Show the LOS as a dashed line.

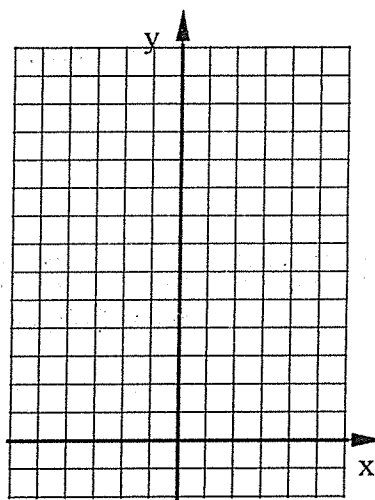
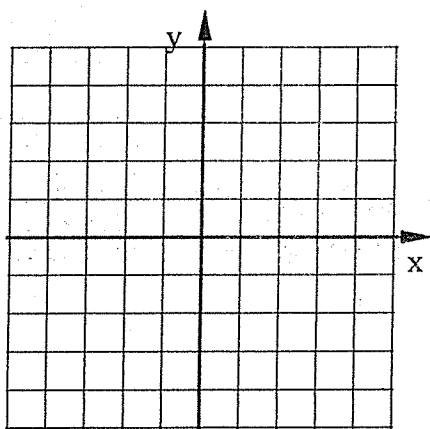
1. $y = -x^2 - 4x - 5$

2. $y = 3x^2 + 12x + 6$



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

4. $y = 4x^2 - 24x + 34$



For the remaining problems, state the EQUATION for the LOS, the coordinates of the Vertex, and the y-intercept.

5. $y = -6x^2 + 7$

a) EQ of LOS:

b) Vertex:

c) y-int=

6. $y = 2x^2 + 8x - 13$

a) EQ of LOS:

b) Vertex:

c) y-int=

7. $y = -4x^2 - 16x$

a) EQ of LOS:

b) Vertex:

c) y-int=