OBJECTIVE:

1) Write equations of parabolas in conics form.

Write the equation in standard form and graph.

1)
$$0 = -4x - y^2 + 4y - 8$$

$$(y-2)^2 = -4(x+1)$$

vertex: (-1,2)

P=1

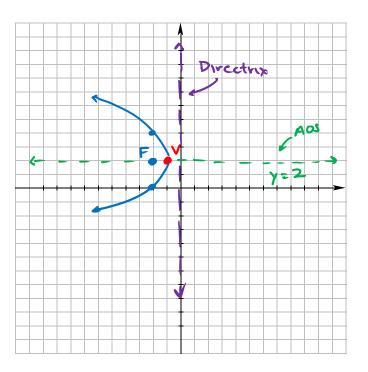
Foci: (-2,2)

Points: (-2,4)

(-2,0)

AOS .: Y = 2

Arectrix: x=2



WRITE EQUATIONS IN CONICS FORM

2) vertex (8, 6) and focus (2, 6)

3) vertex (1, 7) and directrix y = 3

4) focus (-4, -6) and directrix y = -2