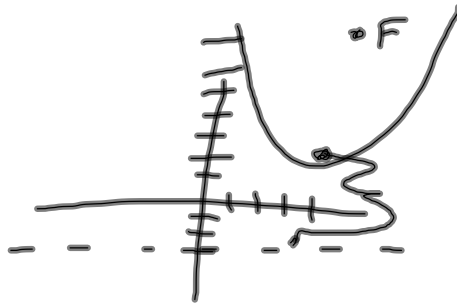


6, 1, 2, 5, 4

1. $V(4, 2)$

$D: y = -3$

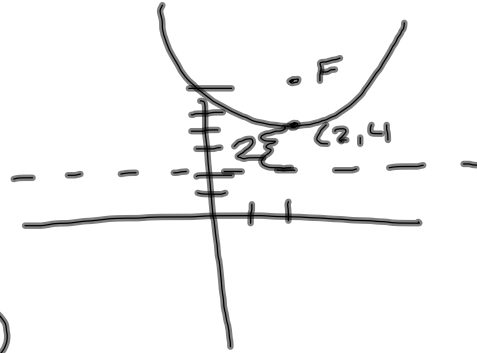
$F: (4, 7)$



2. $D: y = 2$

$V: (2, 4)$

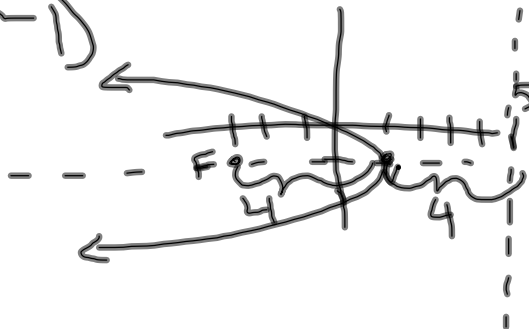
$F: (2, 6)$



4. $F(-3, -1)$

$V(1, -1)$

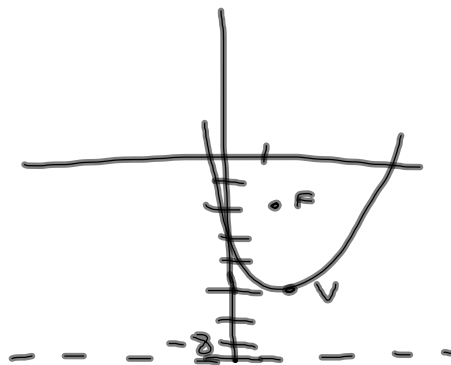
$D: x = 5$



5. $F(1, -2)$

$V(1, -5)$

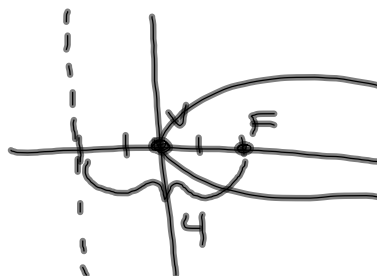
$D: y = -8$



6. $D: x = -2$

$F: (2, 0)$

$V: (0, 0)$



HW Assessment

5/3/10

3. $V: (0, 2)$

$F: (0, 0)$

Find the equation of
the directrix

parabolic form

$$y - h = b(x \pm c)^2$$

Quadratic form:

$$y = ax^2 + bx + c$$

Quiz Corrections

$$y - 7 = \frac{1}{2}(x + 3)^2$$

1. a) parabolic form

b) opens up $\frac{1}{2} > 0$

to graph we need $y =$

$$y - 7 = \frac{1}{2}(x + 3)^2$$

$$y = \frac{1}{2}(x + 3)^2 + 7$$

c) $(-3, 7)$

d) find y -intercept: $x = 0$

$$y - 7 = \frac{1}{2}(0 + 3)^2$$