

5. $y = -\frac{1}{16}x^2$

6. $x = \frac{1}{8}y^2$

7. $y = \frac{1}{2}x^2$

8. vertex $(0,0)$, focus $(0,1)$

$$y = \frac{1}{4}x^2$$

9. vertex $(0,0)$, focus $(-8,0)$

$$x = -\frac{1}{32}y^2$$

10. $y = \frac{1}{32}(x+2)^2$

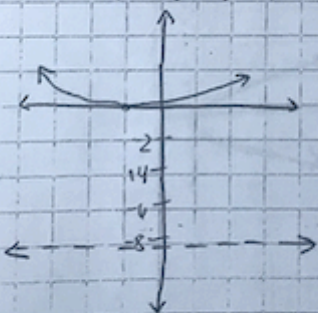
V: $(-2, 0)$

p = 8

D: $y = -8$

axis: $x = -2$

F: $(-2, 8)$



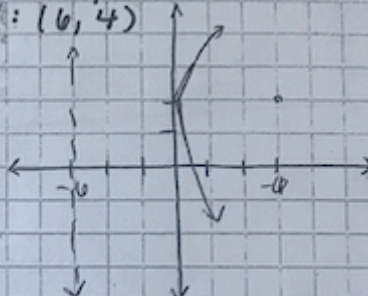
11. $x = \frac{1}{24}(y-4)^2$

V: $(0, 4)$

p = 6 D: $x = -6$

Axis: $y = 4$

F: $(6, 4)$

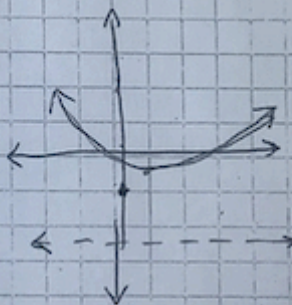


12. $y+1 = \frac{1}{8}(x-2)^2$

V: $(2, -1)$, p = 4

D: $y = -5$ F: $(2, 3)$

Axis: $x = 2$



17. $y = \frac{1}{12}(x+3)^2$

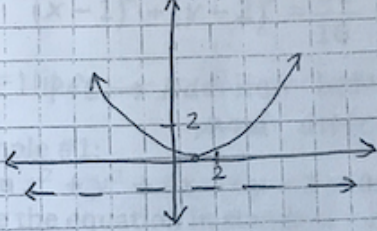
18. $x = -\frac{1}{20}(y-6)^2$

$$22. y = \frac{1}{8}(x-1)^2$$

$$V: (1, 0), p = 2$$

$$\text{Axis: } x = 1, F: (1, 2)$$

$$D: y = -2$$



$$24. x - 2 = \frac{1}{2}(y + 1)^2$$

$$V: (2, -1), p = \frac{1}{2}$$

$$\text{Axis: } y = -1$$

$$F: (2.5, -1), D: x = 1.5$$

