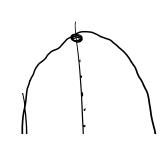
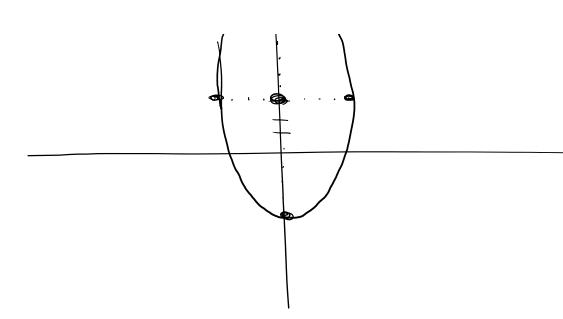
El/, 'PS & S

$$\frac{\left(\chi - h\right)^2 + \left(y - k\right)^2 = 1}{\sigma^2}$$

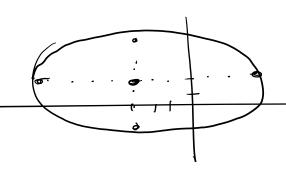
$$\sqrt{5a^2} = a$$

$$\frac{\chi^2}{16} + \frac{(y-3)^2}{49} = 1$$





C:
$$(-3, 2)$$
 $\sqrt{9}=3$
R: $-1 \le y \le 5$



$$5x^{2} + 20y^{2} + 30x + 40y - 15 = 0$$

$$5x^{2} + 30x + - 20y^{2} + 40y - = 15$$

$$5(x^{2} + 6x + 9) + 20(y^{2} + 2y + 1) + 20$$

$$5(x^{2} + 6x + 9) + 20(y^{2} + 2y + 1) + 20$$

$$5(x^{2} + 6x + 9) + 20(y^{2} + 2y + 1) + 20$$

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$$5(x^{2} + 6x + 9) + 20(y^{2} + 2y + 1) + 20$$

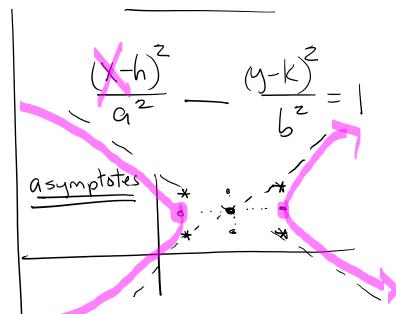
$$6(x^{2} + 6x + 9) + 20(y^{2} + 2y + 1) + 20$$

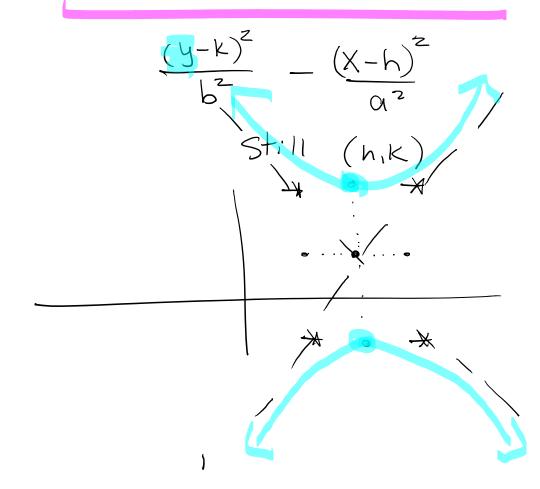
$$6(x^{2} + 3)^{2} + (y^{2} + 3)^{2} +$$

Ellipse

hyperbola

$$\frac{\left(\chi - h\right)^{2}}{G^{2}} + \frac{\left(y - k\right)^{2}}{b^{2}} = 1$$





$$\frac{(\chi-3)^2}{49} - \frac{(y+1)^2}{9} = 1$$

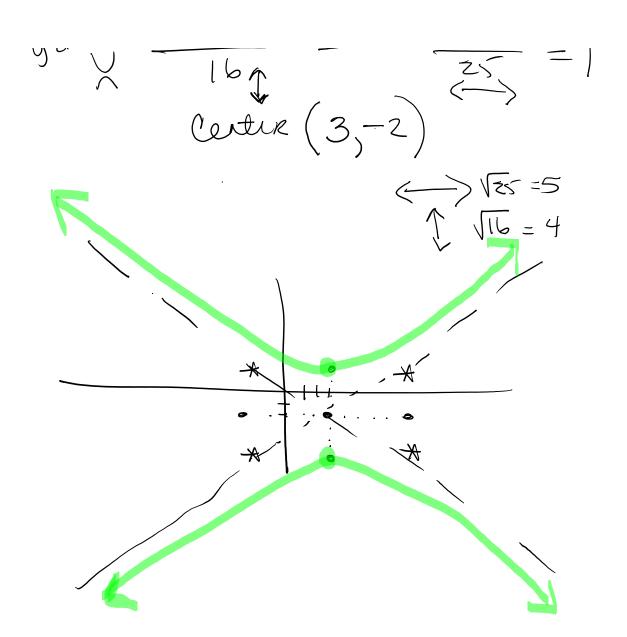
$$\frac{(1)^2}{49} = 1$$

$$\frac{(2)^2}{49} = 1$$

$$\frac{(3)^2}{49} = 1$$

y direction
$$(y+z)^2$$

$$= 1$$



#6.

$$\sqrt{2} - 36x^{2} - 14y + 144x - 131 = 0$$

$$\sqrt{2} - 14y + 49 - 36x^{2} + 144x + = = 131$$

$$+49$$

$$(y-7)^{2} - 36(x^{2} - 4x + 4)$$

$$(y-7)^{2} - 36(x-2)^{2} = 36$$

$$\frac{3}{3}$$

$$\frac{3}{3}$$

