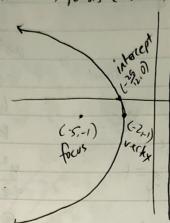
hor. h=-2, k=-1, c=-3, focus (-5,-1), direction x=1



 $y-interept: (y+1)^2 = -12(2)$  $(y+1)^2 = -24$ 

ast rix directrix

$$C2: \frac{(31-3)^2}{4} + \frac{(y+1)^2}{2} = 1$$

horizontal= h=3, 1c=+, a=2, 6=52, c= 54-2=52

$$(x-3)^2 = 2$$

$$(x-3)^2 = 3$$

7-1-16 (42)

$$C3: (-2)^2 - \frac{(y-1)^2}{9} = 1$$

asymptots:  $y-1=\pm \frac{3}{10}(x-2)$   $y^{-1}=\pm \frac{3}{10}(x-2)$ 

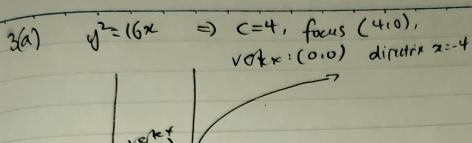
$$y-1=\pm \frac{1}{2}(x-2)^{2}$$

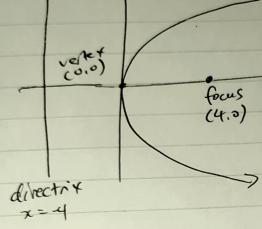
n=2± 3

(2-169,0)

(2+ 3,0)

Campus





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

$$\frac{(x-1)^2}{(\frac{5}{3})^2} + \frac{y^2}{(\frac{5}{4})^2} = 1$$

$$k = 1, k = 0, c = \frac{2}{3}, s = \frac{2}{4},$$
 $k = 1, k = 0, c = \frac{2}{3}, s = \frac{2}{4},$ 
 $k = \frac{2}{3}, s = \frac{2}{3}, s = \frac{2}{3},$ 
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 $k = \frac{2}{3}, s = \frac{2}, s = \frac$ 

