

Precalc - BE | Weds. 3-17-10

- Homework review.

- Begin Q4 HW 1

Precalc - Homework Review Pg 649 #5-7

⑤ $\frac{x^2}{25} - \frac{y^2}{4} = 1$



$C(0,0)$

$F(\pm\sqrt{29}, 0)$

$V(\pm 5, 0)$

Asymptotes $y = \pm \frac{2}{5}x$

⑥ $\frac{(y-3)^2}{16} - \frac{(x-2)^2}{4} = 1$



$C(2,3)$

$F(2, 3 \pm 2\sqrt{5})$

$V(2, 7), (2, -1)$

Asymptotes: $y - 3 = \pm 2(x - 2)$

⑦ $y^2 - 5x^2 + 20x = 50$



$C(2,0)$

$F(2, \pm 6)$

$V(2, \pm\sqrt{30})$

Asymptotes: $y = \pm\sqrt{5}(x-2)$