## Precalculus

7-09 Polar Graphs of Conics



Created by Richard Wright - Andrews Academy

Identify the type of conic  $r = \frac{2}{2 + \cos \theta}$ 



Find the polar equation of the parabola whose focus is the pole and directrix is the line x = -2.



Find the polar equation of the hyperbola with focus at pole and vertices  $\left(1,\frac{3\pi}{2}\right)$  and  $\left(-9,\frac{\pi}{2}\right)$ .

