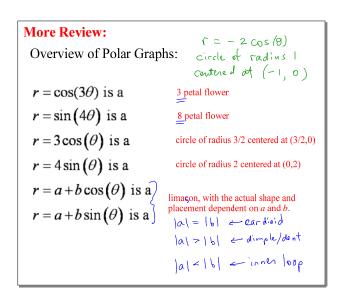
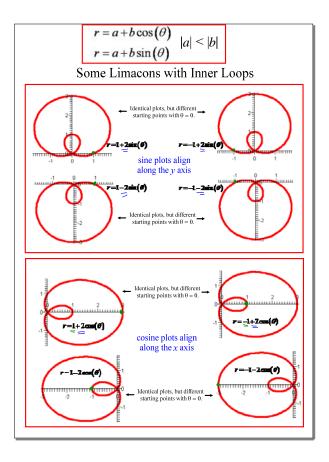
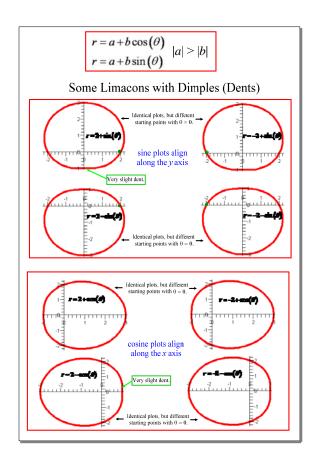
## Info...

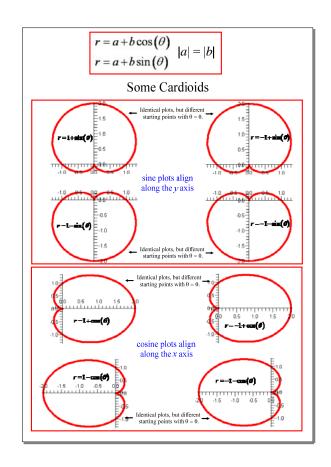
- New homework and EMCFs are posted.
- Video help is posted for selected problems in 9.4 and 9.5.

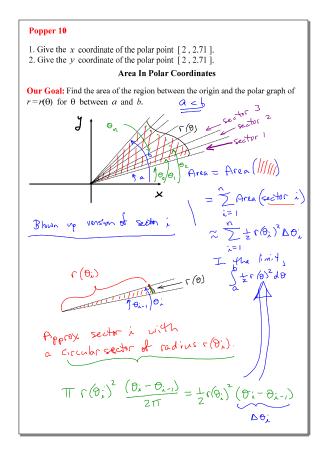
```
Review of Polar Coordinates: x = c \cos(\theta)
y = c \sin(\theta)
Standard Representation for r = \sqrt{x^2 + y^2}
Standard Representation for \theta = \arctan(\frac{y}{x})
c = c \cos(\theta)
```











Area Formula: The area of the region between the origin and the polar graph of  $r = r(\theta)$  for  $\theta$  between a and b is given by  $\frac{1}{2} \int_a^b (r(\theta))^2 d\theta$ 

