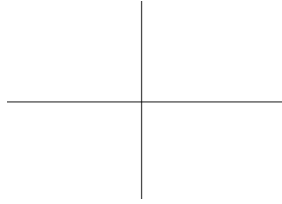
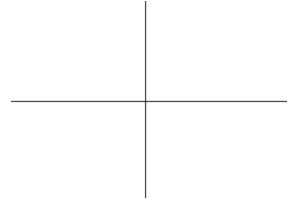


DO NOW:

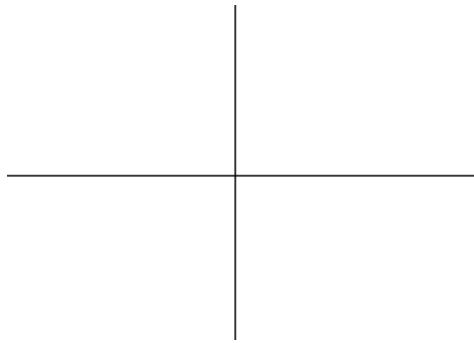
1. Plot  $(r, \theta) = (2, \frac{\pi}{4})$



2. Plot  $(r, \theta) = (-2, \frac{\pi}{4})$

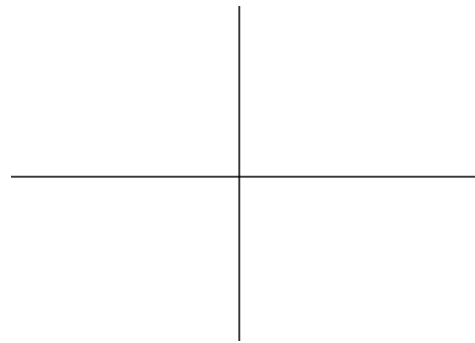


3. Graph  $y = 3\cos(2\theta)$



Reference graph

4. Graph  $y = 2\sin(3\theta)$



Reference graph

Petal Graphs

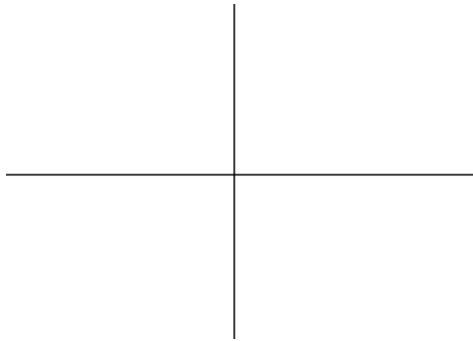
$r = 3\cos(2\theta)$

$r = 2\sin(3\theta)$

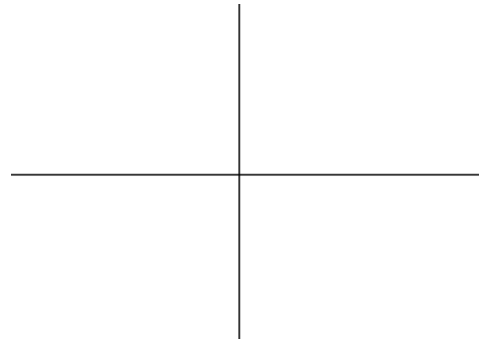
Practice:

Graph  $r = -4\sin(3\theta)$

Petal Graph:



Reference graph:



Homework: 11.1 b problems