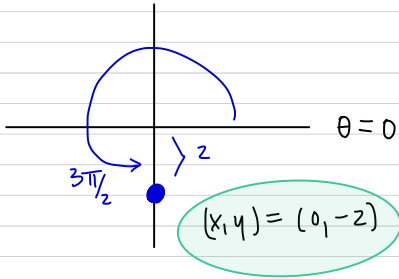
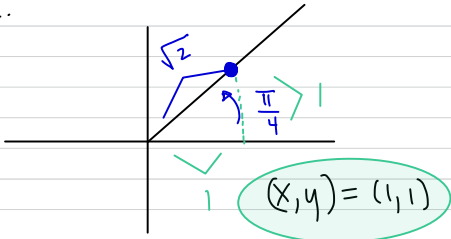


HW #19 Answer Key

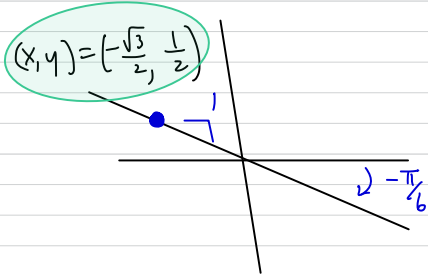
1.



2.

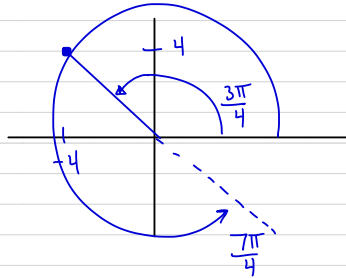


3.



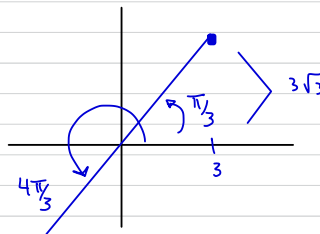
4. $r > 0: (r, \theta) = (4\sqrt{2}, \frac{3\pi}{4})$

$r < 0: (r, \theta) = (-4\sqrt{2}, \frac{7\pi}{4})$



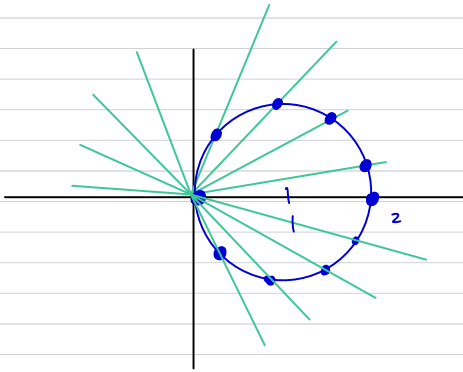
5. $r > 0: (r, \theta) = (6, \frac{\pi}{3})$

$r < 0: (r, \theta) = (-6, \frac{4\pi}{3})$

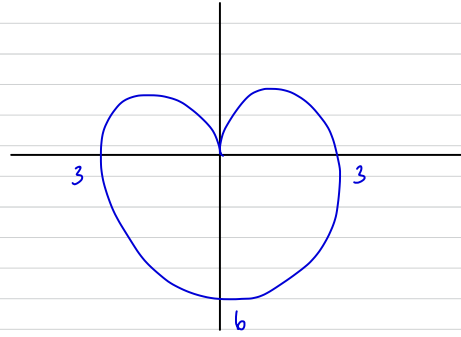


For 6-11, Make sure to show BOTH Cartesian + Polar Plots

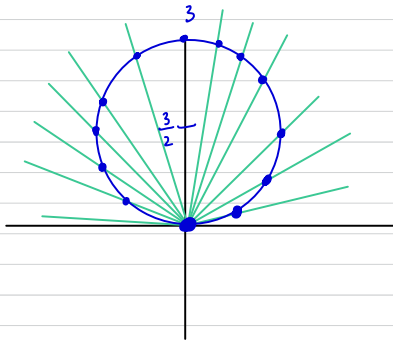
6. Polar Curve



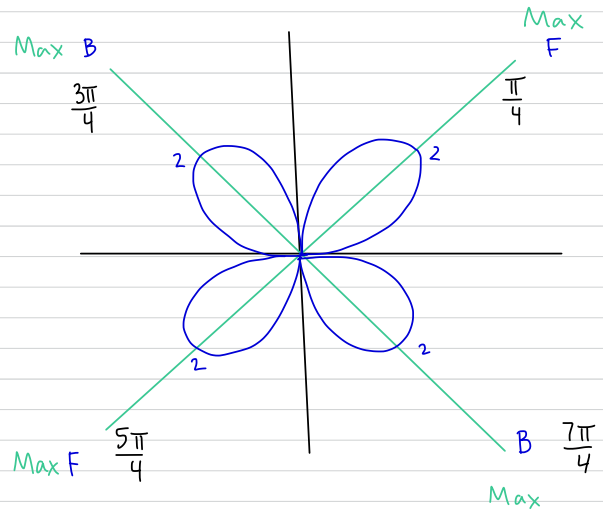
10. Polar Curve 3-6-3 Cardioid



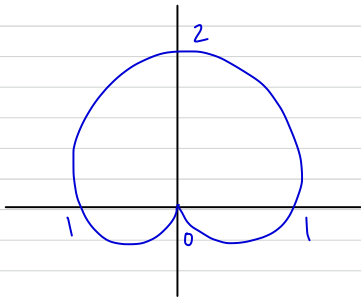
7. Polar Curve



11. Polar Curve 4-petal leaved rose



8. Polar Curve 1-2-1 Cardioid



9. Polar Curve: 2-4-2 Cardioid

