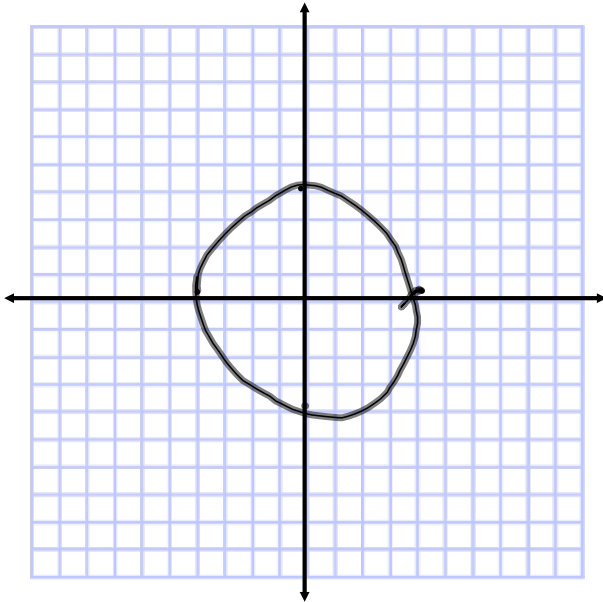
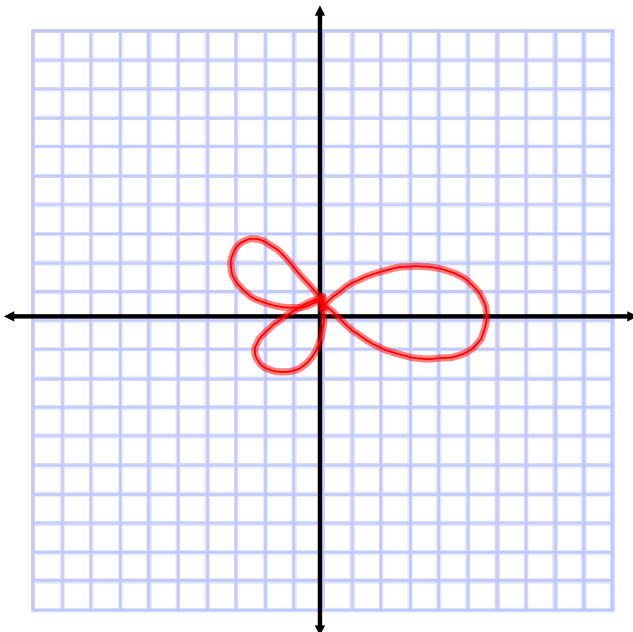
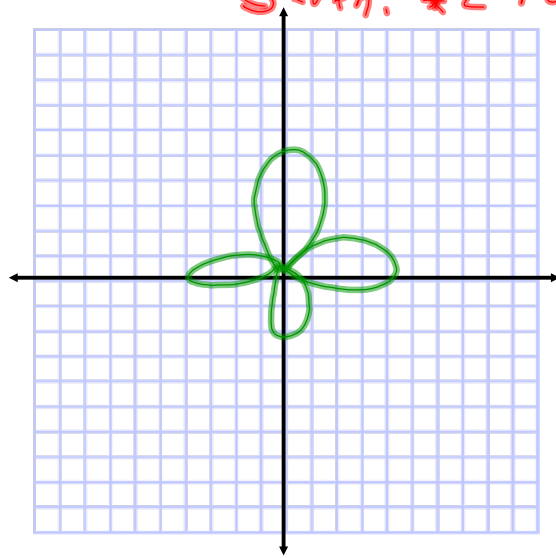


Day 2 on 9-7Sketch the graph and check with a grapher.Ex 1) $r = 4$ Ex 2) $r = 5 \cos 3\theta$ *→ odd: # of petals*

Graph with a grapher. Describe the window.

Ex 3) $r = 6\cos 2\theta$

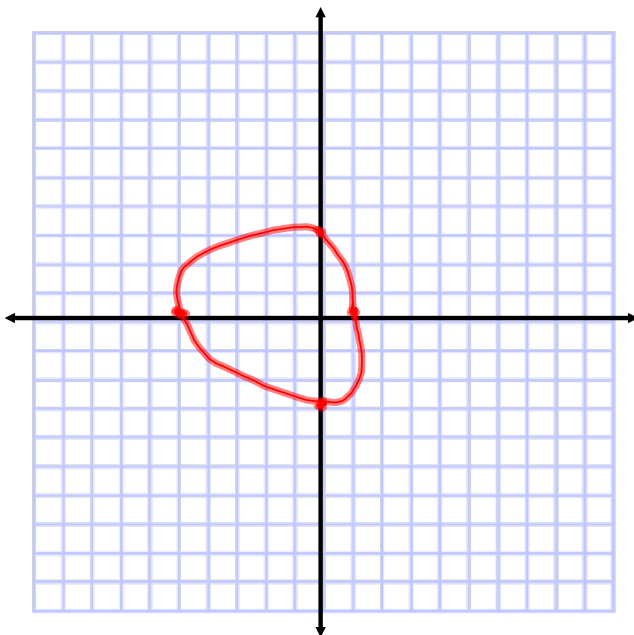
even: $\times 2$ for # of petals



$$\begin{aligned} -15 &\leq x \leq 20 \\ -25 &\leq y \leq 10 \end{aligned}$$

Graph with a grapher and find the interval for theta for which the graph is traced only once.

Ex 4) $r = 3 - 2\cos \theta$



$$0 \leq \theta \leq 2\pi$$