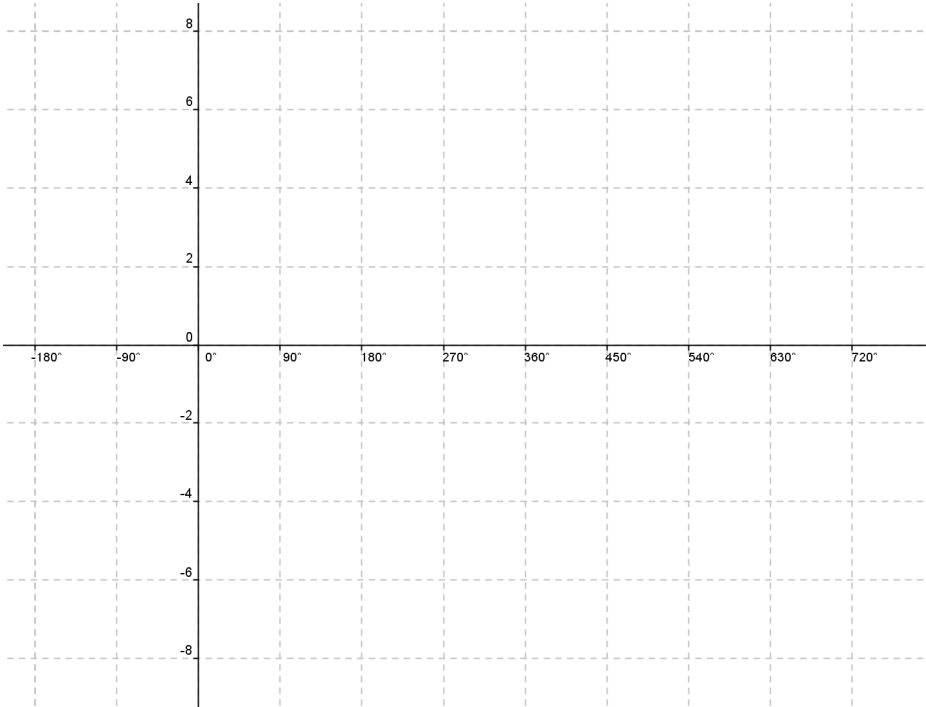


**Advanced Math Week #4**  
**Distributed Practice**  
**Due Monday February 22<sup>nd</sup>**

1. Graph  $f(\theta) = 3\sec(2\theta) - 1$  on the axes provided below.



2. Solve the equation for  $0^\circ \leq \theta < 360^\circ$ .  $3 \tan\left(\frac{\theta}{2} - 60^\circ\right) + \sqrt{3}$

3. Given that the 2 horizontal lines are parallel, determine the values of  $x$ ,  $y$  and  $z$ .

