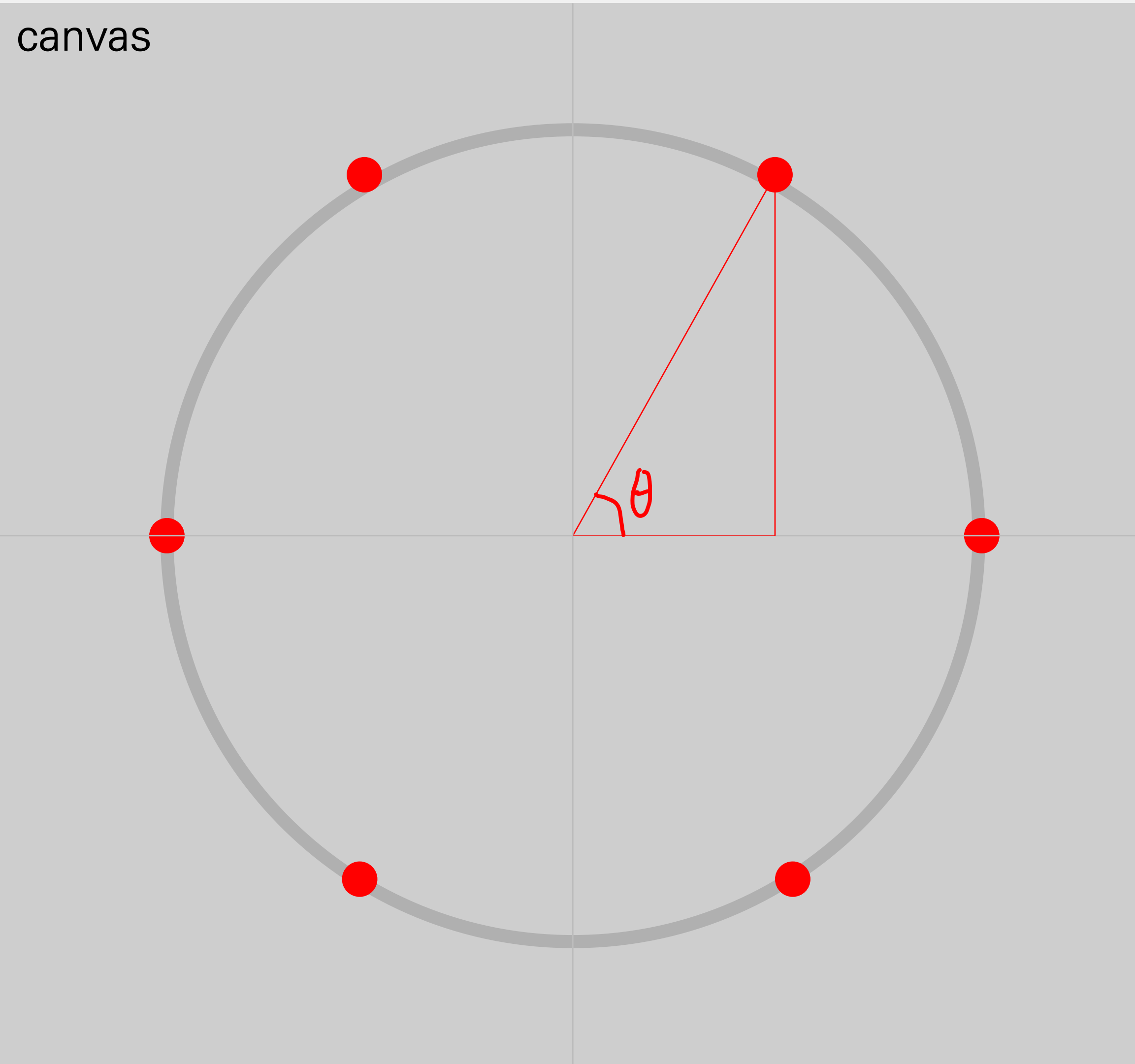
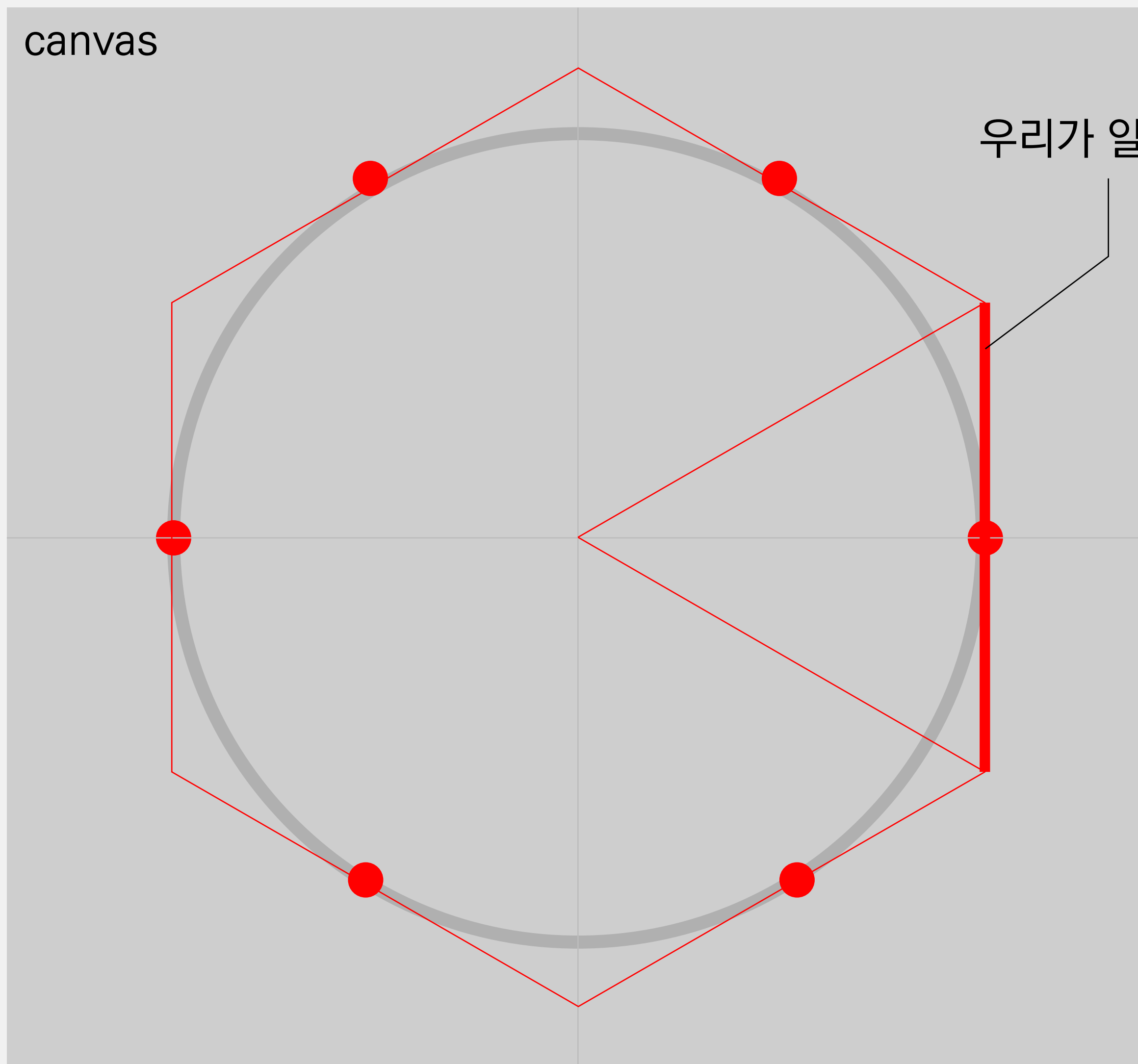


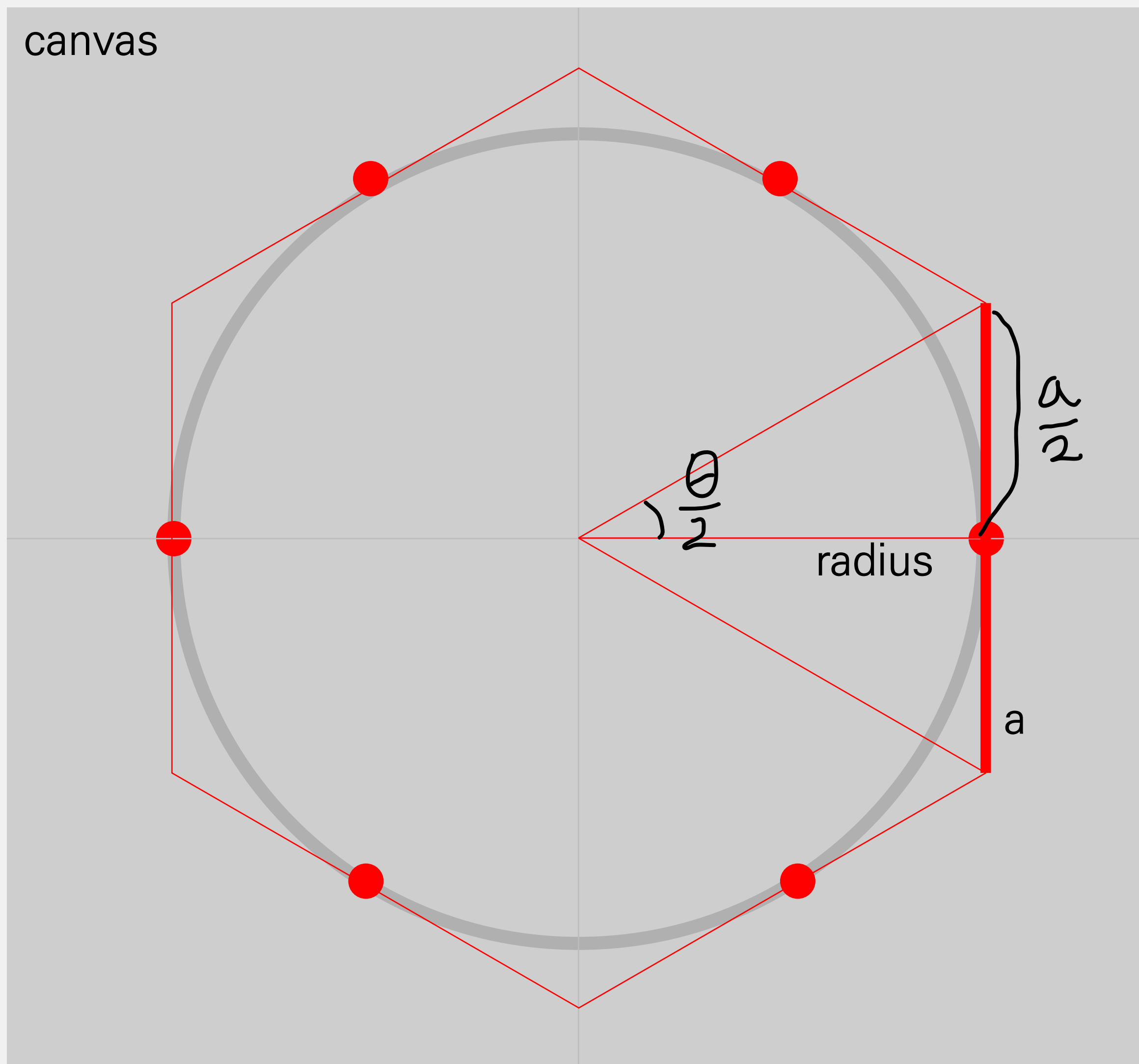
Bodies.rectangle(x, y, w, h)



$$x = \text{radius} * \cos(\theta)$$

$$y = \text{radius} * \sin(\theta)$$





$$\frac{a/2}{\text{radius}} = \tan\left(\frac{\theta}{2}\right)$$

$$a = \text{radius} * \tan\left(\frac{\theta}{2}\right) * 2$$