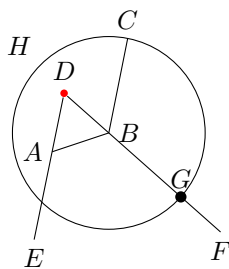
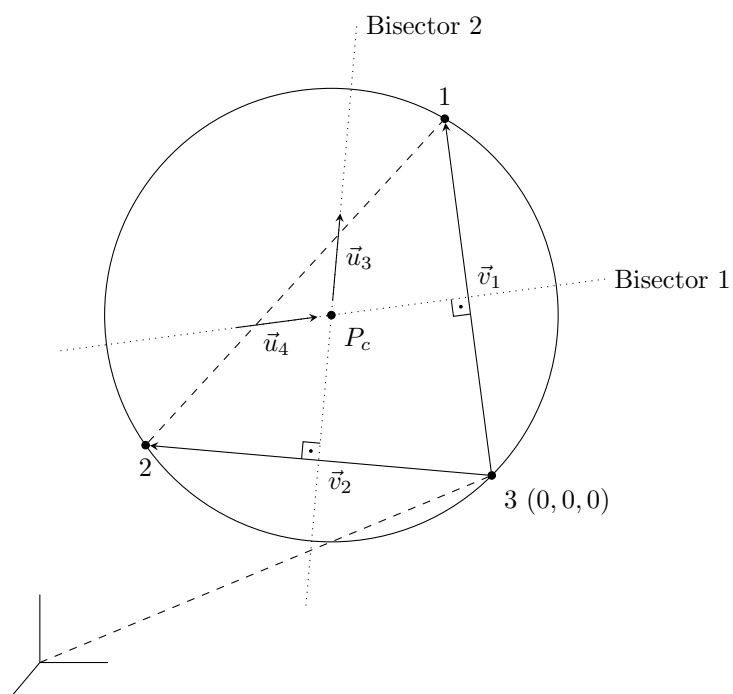
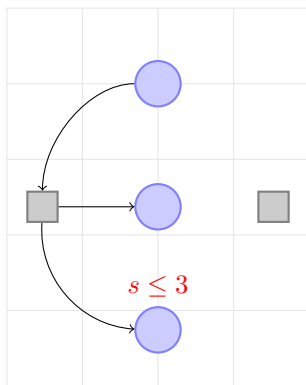
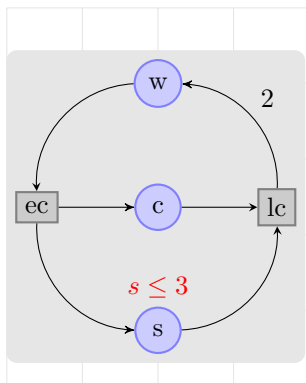
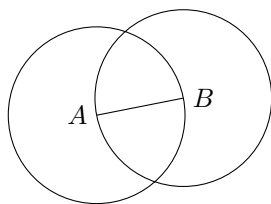
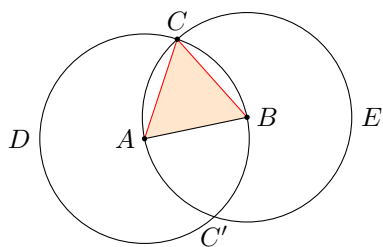
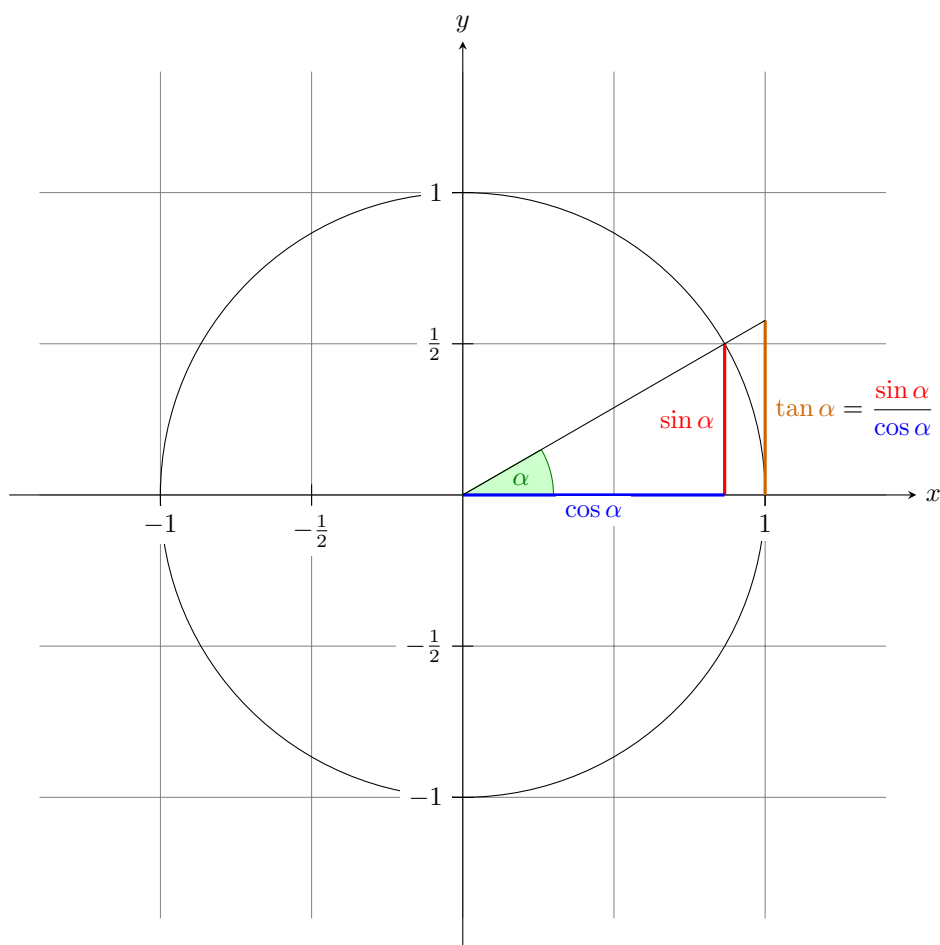
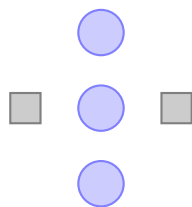


for tex.sx







The **angle** α is 30° in the example ($\pi/6$ in radians). The **sine of** α , which is the height of the red line, is

$$\sin \alpha = 1/2.$$

By the Theorem of Pythagoras...