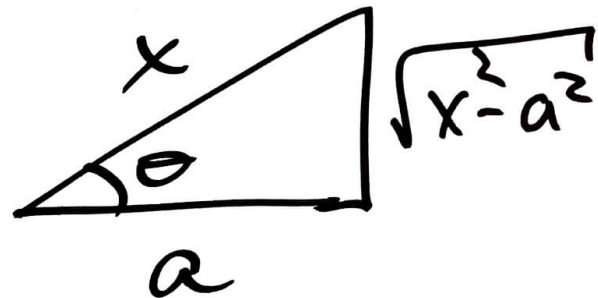
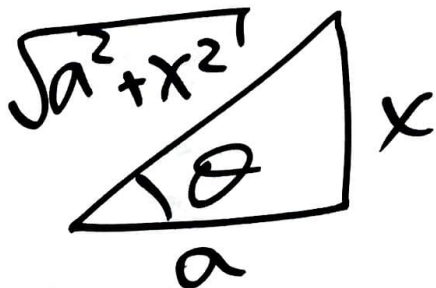
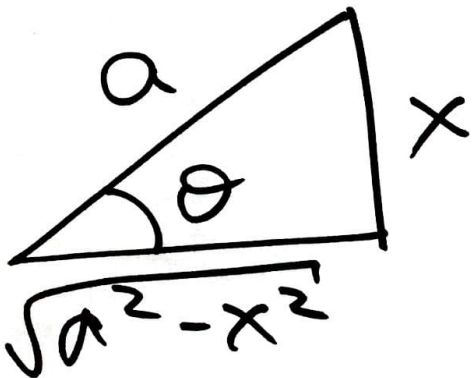


$$A^2 + O^2 = H^2, \text{ and SOHCAHTOA}$$



$$\frac{x}{a} = \sin \theta$$

$$\frac{x}{a} = \tan \theta$$

$$\frac{a}{x} = \cos \theta$$

$$\frac{\sqrt{a^2 - x^2}}{a} = \cos \theta$$

$$\frac{a}{\sqrt{a^2 + x^2}} = \cos \theta$$

$$\frac{\sqrt{x^2 - a^2}}{a} = \tan \theta$$

$$x = a \sin(\theta)$$

$$x = a \tan(\theta)$$

$$x = \frac{a}{\cos(\theta)}$$