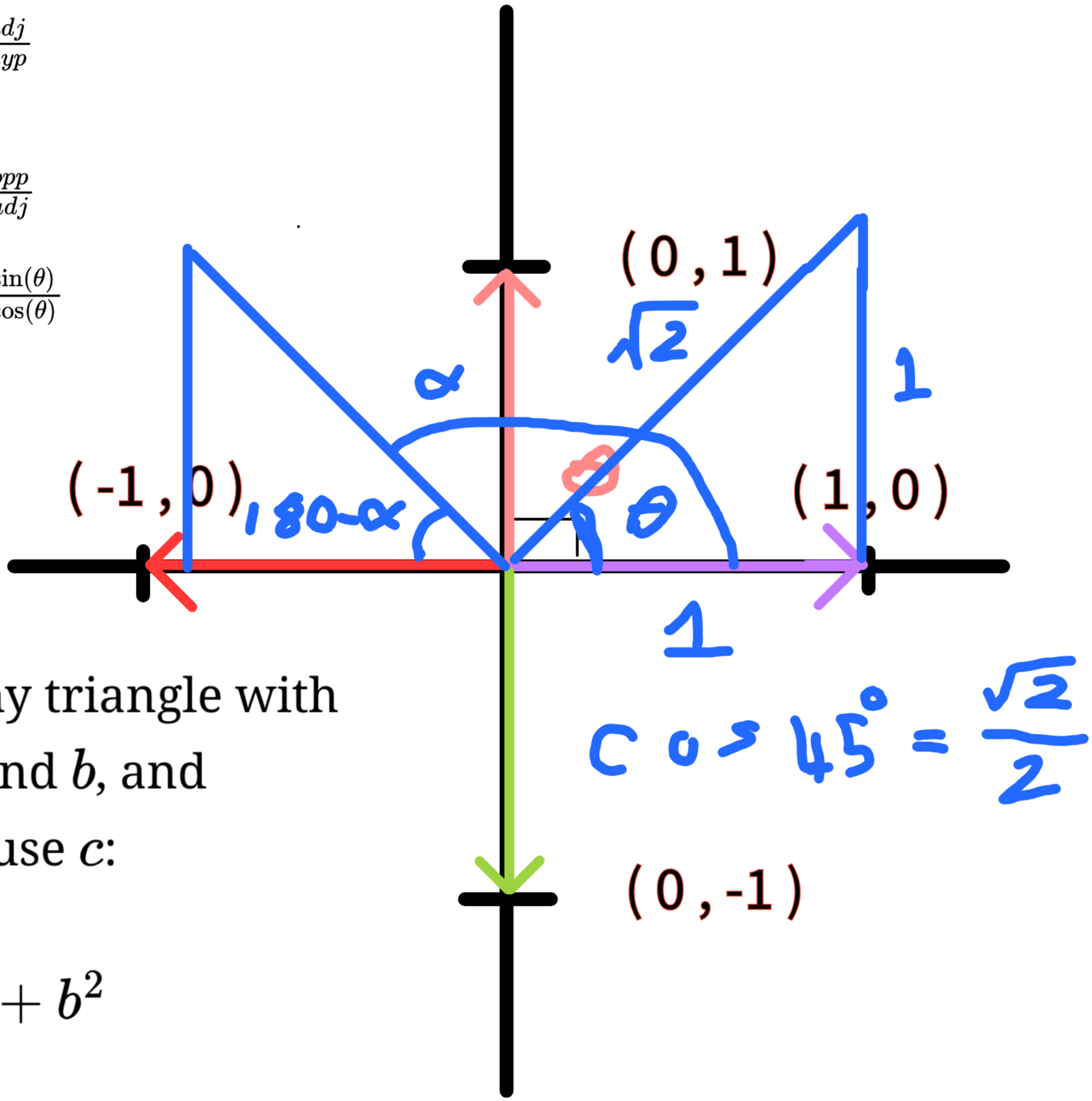
$$\sin(\theta) = \frac{opp}{hyp}$$

$$\cos(\theta) = \frac{adj}{hyp}$$

$$\tan(\theta) = \frac{opp}{adj}$$

or

$$\tan(\theta) = \frac{\sin(\theta)}{\cos(\theta)}$$



Given any triangle with sides a and b, and hypotenuse c:

$$c^2 = a^2 + b^2$$

or

$$c = \sqrt{a^2 + b^2}$$