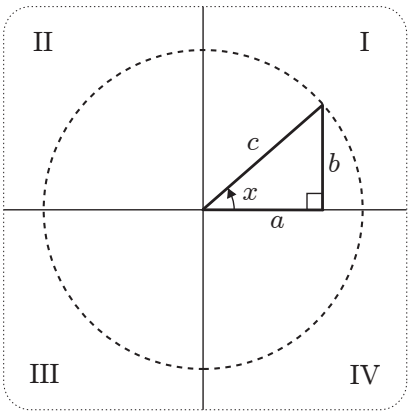
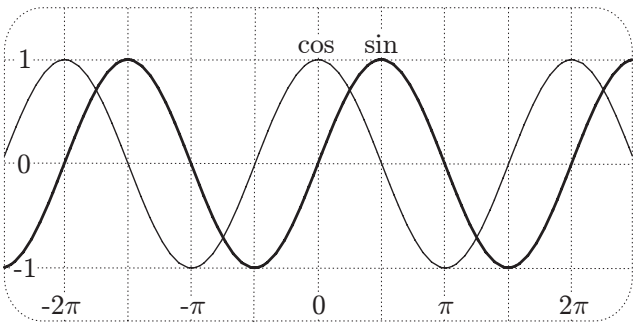
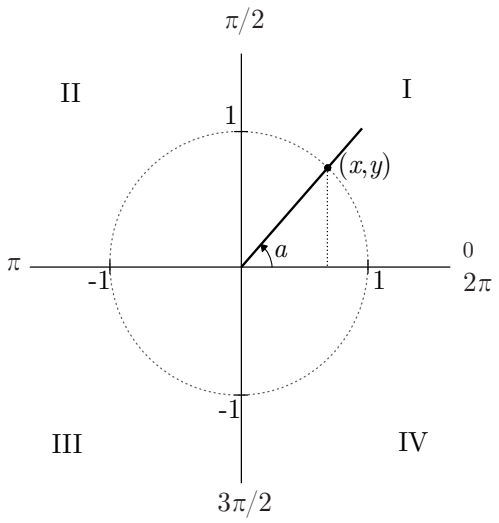
Trigonometry

Trigonometry Definitions





$$\sin(x) = \frac{b}{c} \qquad \cos(x) = \frac{a}{c} \qquad \tan(x) = \frac{\sin(x)}{\cos(x)}$$
$$\csc(x) = \frac{1}{\sin(x)} \qquad \sec(x) = \frac{1}{\cos(x)} \qquad \cot(x) = \frac{\cos(x)}{\sin(x)}$$



$$sin(a) = y$$
$$\cos(a) = x$$
$$\tan(a)\pi = y/x$$

Trigonometry Identities

$$\sin^2(x) + \cos^2(x) = 1$$

$$\sin(x \pm y) = \sin(x)\cos(y) \pm \cos(x)\sin(y)$$
$$\cos(x \pm y) = \cos(x)\cos(y) \mp \sin(x)\sin(y)$$

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