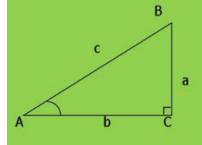
$$\sin A = \frac{a}{c}, \quad \cos A = \frac{b}{c},$$

$$\sin B = \frac{b}{c}, \quad \cos B = \frac{a}{c},$$

$$\tan A = \frac{a}{b}, \quad \tan B = \frac{b}{a},$$

$$\tan A = \frac{a}{b}$$
, $\tan B = \frac{b}{a}$,



三角函数 锐角a	正弦sina	余弦cosa	正切tang
30°	$\frac{1}{2}$	$\frac{\sqrt{3}}{2}$	$\frac{\sqrt{3}}{3}$
45°	$\frac{\sqrt{2}}{2}$	$\frac{\sqrt{2}}{2}$	1
60°	$\frac{\sqrt{3}}{2}$	$\frac{1}{2}$	√3

3. 三角函数的性质: (结合图象理解, 表中k∈Z)

•	$y = \sin x$	$y = \cos x$	$y = \tan x$
图象	y 1 -π -π/2 ο π/2 π/ x	-π 0 π π π π π π π π π π π π π π π π π π	$\begin{array}{c c} & y \\ \hline -\frac{\pi}{2} & 0 & \frac{\pi}{2} & x \end{array}$