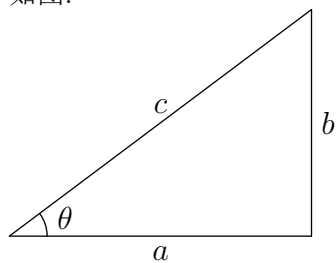


如图.



基本公式列表:

$$\begin{aligned} \sin(\theta) &= \frac{b}{c} & \cos(\theta) &= \frac{a}{c} & \tan(\theta) &= \frac{b}{a} \\ \csc(\theta) &= \frac{1}{\sin(\theta)} = \frac{c}{b} & \sec(\theta) &= \frac{1}{\cos(\theta)} = \frac{c}{a} & \cot(\theta) &= \frac{1}{\tan(\theta)} = \frac{a}{b} \end{aligned}$$

常见三角函数值:

|     | 0 | $\frac{\pi}{6}$      | $\frac{\pi}{4}$      | $\frac{\pi}{3}$      | $\frac{\pi}{2}$ |
|-----|---|----------------------|----------------------|----------------------|-----------------|
| sin | 0 | $\frac{1}{2}$        | $\frac{\sqrt{2}}{2}$ | $\frac{\sqrt{3}}{2}$ | 1               |
| cos | 1 | $\frac{\sqrt{3}}{2}$ | $\frac{\sqrt{2}}{2}$ | $\frac{1}{2}$        | 0               |
| tan | 0 | $\frac{\sqrt{3}}{3}$ | 1                    | $\sqrt{3}$           | *               |