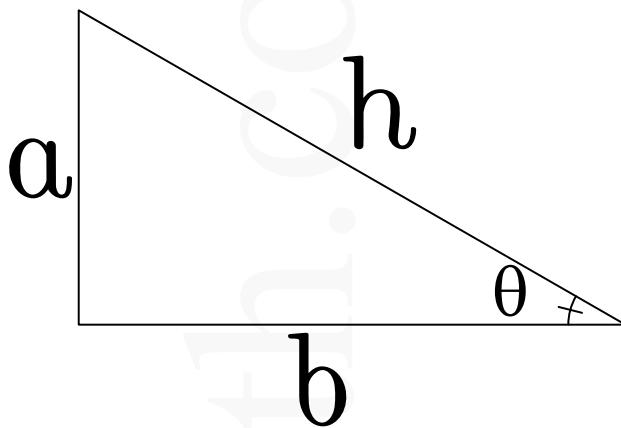


Trigonometric Function Definitions



$$1) \sin(\theta) = \frac{\text{opposite}}{\text{hypotenuse}} = \frac{a}{h}$$

$$2) \cos(\theta) = \frac{\text{adjacent}}{\text{hypotenuse}} = \frac{b}{h}$$

$$3) \tan(\theta) = \frac{\text{opposite}}{\text{adjacent}} = \frac{\sin(\theta)}{\cos(\theta)} = \frac{a}{b}$$

$$4) \cot(\theta) = \frac{\text{adjacent}}{\text{opposite}} = \frac{1}{\tan(\theta)} = \frac{b}{a}$$

$$5) \sec(\theta) = \frac{1}{\cos(\theta)} = \frac{h}{b}$$

$$6) \csc(\theta) = \frac{1}{\sin(\theta)} = \frac{h}{a}$$