

Sudarshan's

MATHEMATICS

(10th STD.)

BASED ON NEW PATTERN
(2019-2020)



$$\frac{\cos \alpha}{\sin \alpha} = \cot \alpha$$

$$x = -\frac{b}{2a};$$

$$\Delta = 4ac - b^2$$

$$a > 0;$$

$$A \left(-\frac{b}{2a}, \frac{4a - b^2}{4a} \right)$$

$$\tan \varphi = \pm a \pm \left(\frac{b}{a} \right)^2;$$

$$\sin \alpha = BC = \frac{a}{c};$$

$$\cos \alpha = OB = \frac{b}{c};$$

$$\tan \alpha = OB = \frac{b}{c};$$

$$\cot \alpha = \cot \alpha = \frac{a}{b};$$



Sudarshan Publication

Chennai - 17.

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10th State Board Maths Guide

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