

Solve Quadratic Equation: Binomial Squared Equal to Constant

$$(X + \text{blue circle})^2 = \text{purple pentagon}$$

$$\sqrt{(X + \text{blue circle})^2} = \pm \sqrt{\text{purple pentagon}}$$

$$X + \text{blue circle} = \pm \sqrt{\text{purple pentagon}}$$

$$\underline{- \text{blue circle}} \qquad \underline{- \text{blue circle}}$$

$$X = - \text{blue circle} \pm \sqrt{\text{purple pentagon}}$$