

Solve Quadratic Equation: Completing the Square (a=1)

$$X^2 + \square X + \bigcirc = \triangle$$

$$\frac{-\bigcirc}{\quad} \quad \frac{-\bigcirc}{\quad}$$

$$X^2 + \square X = \triangle - \bigcirc$$

$$\frac{+\left(\frac{\square}{2}\right)^2}{\quad}$$

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$$X^2 + \square X + \frac{\square^2}{4} = \triangle - \bigcirc + \frac{\square^2}{4}$$

$$\left(X + \frac{\square}{2}\right)^2 = \underline{\quad}$$