Wolfram|Alpha Step-by-Step Solution

Wolfram|Alpha Input: y^2 + y = x solve for y

STEP 1

Solve for y:

$$y^2 + y = x$$

> **Hint:** Take one half of the coefficient of y and square it, then add it to both sides.

Add $\dfrac{1}{4}$ to both sides:

$$y^2 + y + \frac{1}{4} = x + \frac{1}{4}$$