$$x^2 + 9x = 1\,240 \quad donc: \quad x^2 + 9x + \left(\frac{9}{2}\right)^2 = 1\,240 + \left(\frac{9}{2}\right)^2$$

Ce qui donne :

$$\left(x + \frac{9}{2}\right)^2 = \left(\frac{71}{2}\right)^2 \quad soit: \quad x = \frac{71}{2} - \frac{9}{2} = 31; \quad x^2 = 961$$