

Correct. Rewrite the equation so that the right side is 0: $(2x + 1)^2 - 2 - 3x = 0$

Square the binomial: $(4x^2 + 4x + 1) - 2 - 3x = 0$

Combine like terms: $4x^2 + 1x - 1 = 0$

The value of $b = 1$.