

Probe 1, $(2x + 1)^2 = (x + 5)^2$

$$(2x + 1)(2x + 1) = (x + 5)(x + 5)$$

$$2x^2 + 2x + 2x + 1 = x^2 + 5x + 5x + 25$$

$$2x^2 + 4x + 1 = x^2 + 10x + 25$$

$$2x^2 - x^2 + 4x - 10x + 1 - 25$$

$$x^2 - 6x - 24$$

$$-\left(\frac{-6}{2}\right) \pm \sqrt{\left(\frac{-6}{2}\right)^2 + 24} \quad \sqrt{33}?$$

$$3 +$$

$$3 -$$