

Hello world

$$k_{n+1} = n^2 + k_n^2 - k_{n-1} \quad (1)$$

Khan Academy Question 2 Simplify the following for h

$$S = 2\pi r(r + h) \quad (2)$$

$$S/2\pi r = r + h \quad (3)$$

$$h = (S/2\pi r) - r \quad (4)$$

$$S = 250; r = 4; h = (S/2\pi r) - r; h = 5.94718394325 \quad (5)$$

Does the following have an x-intercept?

$$f(x) = x(x + 4) \quad (6)$$