

MTH 140 Quiz 3

Sunday, February 25, 2024 7:57 AM

$$h(\phi) = (\phi - 1)^2 + \phi$$

$$h(2) = (2 - 1)^2 + 2 = 1^2 + 2 = 3$$

$$h(5) = (5 - 1)^2 + 5 = 4^2 + 5$$

$$= 16 + 5$$

$$= 21$$

$$h(x+1) = ((x+1) - 1)^2 + (x+1)$$

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

$$= x^2 + x + 1$$