

Question #274

Answer: E

$${}_3V = ({}_2V + \pi_3)(1 + i_3) - q_{x+2}(b_3 - {}_3V)$$

$$96 = (84 + 18)(1.07) - q_{x+2}(240 - 96)$$

$$q_{x+2} = 13.14 / 144 = 0.09125$$