





21 trees - 600 apples/trees acre 1/12 apples per tree X = # of træs added Maximize Apple production [0,50] $A = 24 + 600 \qquad [0,50]$ $H = (24 + x)(600 - 12x) \qquad 600 - 12x = 0$ $A = (24 + x)(600 - 12x) \qquad 600 - 12x = 0$ 600=12x 9J = X

January 7, 2022

