

10.1

#1

$$\begin{aligned} \text{A)} \quad 9 &= t + 2 \\ 7 &= t \end{aligned}$$

$$\begin{aligned} x(7) &= 7^2 - 4(7) \\ &= 49 - 28 \\ &= 21 \end{aligned}$$

yes. at  $t=7$  the point is  $(21, 9)$

$$\begin{aligned} \text{B)} \quad 10 &= t + 2 \\ 8 &= t \end{aligned}$$

$$\begin{aligned} x(8) &= 8^2 - 4(8) \\ &= 64 - 32 \\ &= 32 \end{aligned}$$

no at  $t=8$  the point is  $(32, 8)$