

$$15. \begin{cases} x = 3 - t \\ y = 1 + 2t \end{cases} \quad (\Rightarrow) \quad \frac{x-3}{-1} = \frac{y-1}{2}$$

$$(\Rightarrow) 2x - 6 = -y + 1 \quad (\Rightarrow) 2x + y - 7 = 0 \quad (1)$$

$$\begin{cases} x = -1 + 3t \\ y = 9 - 6t \end{cases} \quad (\Rightarrow) \quad \frac{x+1}{3} = \frac{y-9}{-6}$$

$$(\Rightarrow) -6x - 6 = 3y - 27 \quad (\Rightarrow) -6x - 3y + 21 = 0$$

$$(\Rightarrow) 2x + y - 7 = 0 \quad (2)$$

From (1) & (2) \Rightarrow it is the same line