

109
(148)

$$4xy^2 + 4x^2yy' = 1 + y'$$

$$y' = -1 \quad (13)$$

$$4xy^2 - 4x^2y = 0$$

$$4xy(y-x) = 0$$

$$\begin{matrix} \swarrow & \downarrow & \searrow \\ x=0 & y=0 & x=y \end{matrix}$$

$$\boxed{y = -x}$$

$$\begin{matrix} \swarrow & \searrow \\ y=0 & x=0 \end{matrix}$$

$$y=0$$

$$x=0$$

$$y=0$$

$$2x^4 = 2x$$

$$x(x^3-1) = 0$$

$$\begin{matrix} \downarrow \\ x=0 \\ y=0 \end{matrix}$$

$$\begin{matrix} \downarrow \\ x=1 \\ y=1 \end{matrix}$$

$$\left. \begin{matrix} x=0 \\ y=0 \end{matrix} \right\} \boxed{y = -x + 2}$$