$$\begin{array}{lll}
\text{(f)} & \text{$$

$$4x^{2}+9y^{2}=36$$

$$55\left(\frac{\partial R}{\partial x}-\frac{\partial P}{\partial y}\right) |A$$

$$=55\left(2x-2x\right) |A$$

$$=055 |A = 0$$