Tangent Lines: / 1 gent

$$\begin{array}{l} @ \ AROC = Slope \ of the \\ secant line \\ = \frac{y_{\delta} - y_{1}}{X_{\delta} - X_{1}} \end{array} \begin{array}{l} @ \ TROC = Slope \ of the \\ Tangent \ Line \\ = \frac{y_{\delta} - y_{1}}{X_{\delta} - X_{1}} \end{array}$$

Homework  
Find the IROC for the given point  
A. 
$$y = \partial x^{3} + 3$$
 of  $x = 4$   $x = 3.9$  to  $x = 4.1$   
 $0 \quad y = \partial (3.9)^{3} + 3$   $0 \quad y = \partial (4.1)^{3} + 3$   $0 \quad IROC = \frac{36.69 - 33.4}{4.1 - 3.9}$   
 $y = 33.40$   $(y = 36.60)$   
 $(3.9, 33.40)$   $(4.1, 36.60)$   $= \frac{3.2}{0.0}$   
 $(x_{0}, y_{0})$   $= 16$