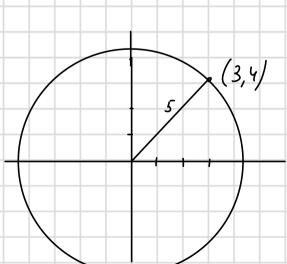
$$f(x) = \begin{cases} |x|^{d} \cdot \sin \frac{1}{x}, & x \neq 0 \\ 0, & x = 0 \end{cases}$$

$$\begin{bmatrix}
\delta & \delta & \delta \\
\delta$$

9) 
$$x^{2} + y^{2} = 25$$
  
 $|X_{0}, y_{0}| = (3, 4)$ 



$$\frac{\delta}{s} \operatorname{arct}_{g} \frac{v}{x} = \int_{h} \sqrt{x^{2} \cdot y^{2}} \frac{1}{\sqrt{x^{2} \cdot y^{2}}} \cdot \left(\sqrt{x^{2} \cdot y^{2}}\right)^{2} \frac{1}{(1 \cdot \frac{x^{2}}{2})^{2}} \cdot \left(\frac{y}{x}\right)^{2} \frac{1}{y^{2}} \cdot \left(\sqrt{x^{2} \cdot y^{2}}\right)^{2} \frac{1}{y^{2}} \cdot \left(2x + 2y \cdot y^{2}\right) \frac{1}{y^{2}} \cdot \left(2x + 2y \cdot y^{2}\right) \frac{1}{y^{2}} \cdot \left(\frac{y}{x^{2}}\right)^{2} \frac{1}{y^{2}} \cdot \left(\frac{y}{x^{2}}\right)^{2} \cdot \left(\frac{y}{x^{2} \cdot y^{2}}\right)^{2} \cdot \left(\frac{y}{x^{2} \cdot y^{2}}\right) \frac{1}{y^{2}} \cdot \left(\frac{y}{x^{2} \cdot$$

$$\begin{aligned}
& f(x) - f(0) = L_{h} \left( \frac{1+x}{2} \right) = \frac{f'(c)}{(x-0)} = \frac{x^{-1}b}{1+c}, & \text{ ye } c \in (0, \mathbb{R}) \\
& 0 < c < b = > \frac{b}{1+b} < \frac{b}{1+c} < b \\
& f(x) = x(x-1)(x-2)(x-3)(x-1)
\end{aligned}$$

$$\begin{aligned}
& f(x) = x(x-1)(x-2)(x-3)(x-1) \\
& f(x) = (x-1)^{K} \cdot Q(x), & Q(1) \neq a
\end{aligned}$$

$$\begin{aligned}
& f(x) = f(b) = f(a) = \Rightarrow \exists c \in (a,b) : f'(c) = 0 \\
& f(0) - f(1) \cdot f(2) \cdot f(3) - f(4) = 0
\end{aligned}$$

$$\begin{aligned}
& f(0) - f(1) \cdot f(2) \cdot f(3) - f(4) = 0
\end{aligned}$$

$$\begin{aligned}
& f(0) - f(1) \cdot f(2) \cdot f(3) - f(4) = 0
\end{aligned}$$

$$\begin{aligned}
& f(x) = t_{1}x \quad \text{Nocipoutio subsources Teinope } f_{5}(x,0) \\
& f'(x) = \frac{1}{\cos x} \\
& f''(x) = \frac{1}{\cos x} \\
& f''(x) = \frac{2\sin x}{\cos^{3}x}
\end{aligned}$$

$$f''(x) = \frac{2\sin x}{\cos^{3}x}$$

$$f'''(x) = 2 \cdot \frac{2\sin x}{\cos^{3}x}$$

$$f'''(x) = 2 \cdot \frac{2\sin x}{\cos^{3}x}$$

$$f'''(x) = 0
\end{aligned}$$