

Untitled.notebook February 28, 2013

$$\frac{5 \times 2 \int_{0}^{1} (2x^{5} + x^{4}y^{2} + y^{5} = 36)}{6x^{4}} \int_{0}^{1} \frac{1}{2x^{4}} \int_{0$$

$$(x-3)^2 + (y-2)^2 = 100$$

$$(3,2)$$
 $r=10$

$$\frac{x^2}{2} + \frac{y^2}{4} = 10$$

$$f(x) = 6x^{5}$$

$$f'(x) = 30x^{4}$$

$$f''(x) = 120x^{3}$$

$$f'''(x) = 360x^{2}$$

$$f''(x) = 120x^3$$

$$f'''(x) = 360x^2$$

$$f''(x) = \frac{d}{dx} \left(\frac{dy}{dx} \right)$$

$$= \frac{d^2y}{dx^2}$$

$$f'''(x) = \frac{d^3y}{dx^3}$$

$$y' = 4x^{3} + 6x^{2} - 5x^{2} + 3x - 6$$

d' = m = velocity. d'' = acceleration $d = Uot + \frac{1}{2}(t^{2})$

>d'=V0+at

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