$y = 2t^3$ Find 2nd derivative

$\frac{d^2y}{dt^2} = 60t^4 - 24t$

$\frac{dy}{dx} = \frac{7x^2-8}{x^2}$

$y = 4x(sin2x)$

$y = 6t^{-3} + 2t^2$

$y = sin(e^{2x})$

$y = (ln2x)^3$

$y = e^{x^2-2x-15}$

$\frac{dy}{dt} = -18t^{-4} + 4t$

$\frac{dy}{dt} = (e^x)(6t^2+15t+3)$

$y = \frac{7x^2+8}{x}$

$\frac{d^2y}{dt^2} = 36t$

$\frac{dy}{dx} = \frac{e^x(x-1)}{x^2}$

$y = cos(e^{2x})$

$y = ln2x$

$\frac{dy}{dx} = (-2e^{2x})sin(e^{2x})$

$\frac{dy}{dt} =$

$2)(e^{x^2-2x-15})$

$y = 3t^2$

$\frac{dy}{dt} = 8t^3 + 12t$

$\frac{dy}{dt} = 8x(\cos 2x) + 4\sin 2x$

$y = 2t^6 - 3t^4$

$\frac{dy}{dt} = \frac{1}{x}$

$y = 3t^4 + 3t^2$ *Find 2nd derivative*

$y = t^2 - 5$

$\frac{dy}{dt} = 3(6x+2)(3x^2 + 2x)^2$

$\frac{dy}{dx} = (2e^{2x})\cos(e^{2x})$

$y = 6t^3 + 9$ *Find 2nd derivative*

$y = 2t^4 + 6t^2$

$y = 2t^6 - 4t^3$ *Find 2nd derivative*

$\frac{d^2y}{dt^2} = 24t^2 - 6$

$y = \frac{e^x}{x}$

$\frac{dy}{dt} =$

$= 12t$

$\frac{dy}{dt} = 12t^5 - 12t^3$

$\frac{dy}{dx} = \frac{6(\ln 2x)^2}{x}$

$y = \frac{2}{x^2}$

$y = 2t^4 - 3t^2$ Find 2nd derivative

$\frac{d^2y}{dt^2} = 36t^2 + 6$