$$y=\left(3x^4-x^2-4\right)^3$$

$y=\left(3x^4-x^2-4\right)^3$ und $u=3x^4-x^2-4$

$y'=3\left(3x^4-x^2-4\right)^2$ $u'=12x^3-2x$

$$y'=3\left(3x^4-x^2-4\right)^2\bullet\left(12x^3-2x\right)$$
$$=6x\left(6x^2-1\right)\left(3x^4-x^2-4\right)^2$$