1. $\dfrac{dy}{dx} = -30x^4\left(-2x^5 - 2\right)^2$

2. $\dfrac{dy}{dx} = -224x^3\left(-8x^4 + 7\right)^6$

3. $\dfrac{dy}{dx} = -\dfrac{48x^5}{\left(4x^6 - 2\right)^3}$