- What does Newton's second law state?
- Give a formula that allows one to calculate the derivative $\frac{\mathrm{d} f}{\mathrm{~d} x}$ of the function $f(x)$ as a limit.
- By solving the limit that you wrote down in answer to the previous question show that the derivative of the function $f(x)=x^{3}$ is equal to $3 x^{2}$.

