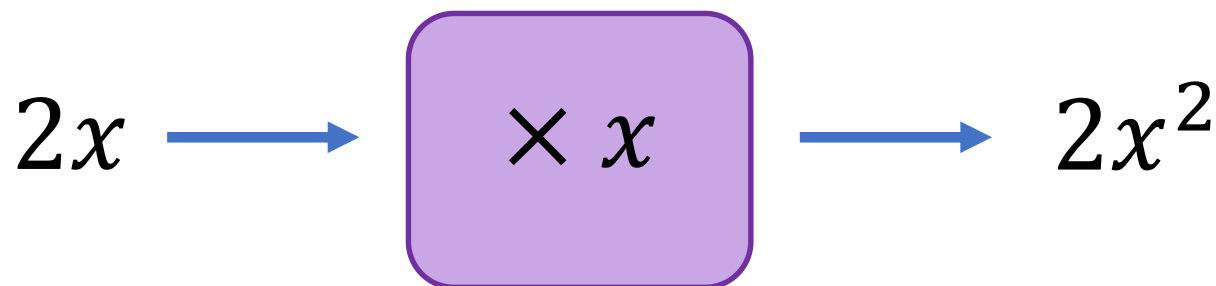


False

The function would be $\times x$



If the function was 'squared' the output would be $(2x)^2$ or $4x^2$