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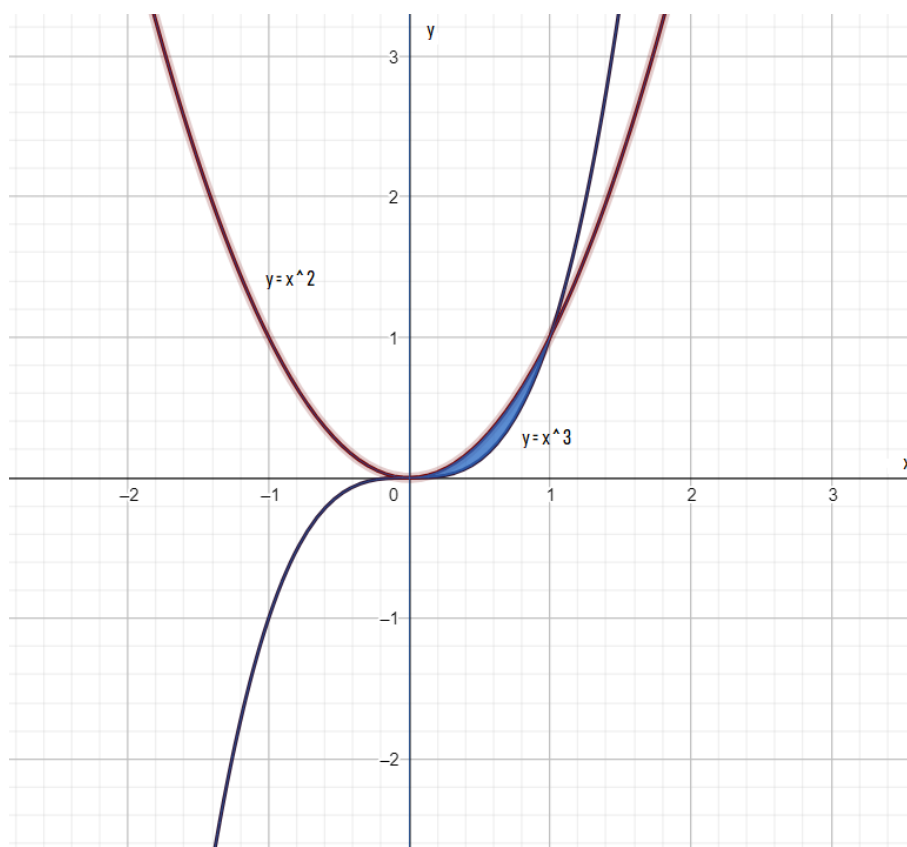
Hint:

The region bounded by the curves is highlighted in blue.

Remember that, Area bounded by the curves is given by,

$$\text{Area} = \int_a^b f(x) - g(x)\ dx,$$ where $f(x)$ **is the upper curve** and $g(x)$ **is the lower curve** and $x \in [a, b]$.

In this case, the upper function is $f(x) = x^2$ and the lower function is $g(x) = x^3$ and $x \in [0, 1]$.