Choose the correct answer from the options....

The volume of a rectangular prism, with dimensions

$x mm$, $(x + 3)mm$ and $(x - 5)mm$ is given by

$x^3 mm^3$

$(x^3 + 15)mm^3$

$(x^3 + 8x^2 + 15)mm^3$

$(x^3 - 2x^2 - 15)mm^3$

$(x^3 - 2x^2 - 15x)mm^3$