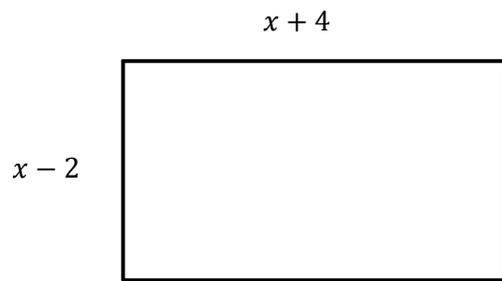
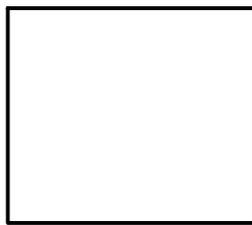


## M10 - 5.6 - Area/Volume of Shapes With Polynomials WP

What is the area of the rectangle? Express your answer in expanded form.



The area of the square is  $x^2 + 6x + 9$ . What is the length of the sides?



$w$

The volume of the rectangular prism is  $3x^3 + x^2 - 10x$ . What are the possible dimensions of the prism?

