

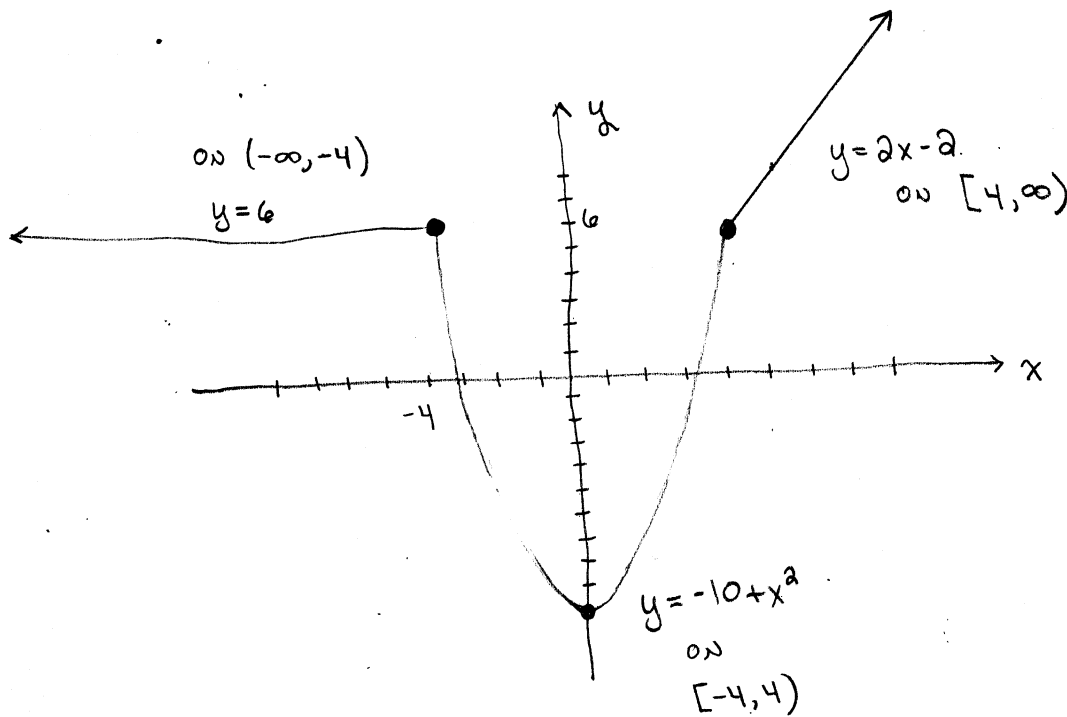
- Consider the following function:

$$h(x) = \begin{cases} 6, & x < -4 \\ -10 + x^2, & -4 \leq x < 4 \\ 2x - 2, & x \geq 4 \end{cases}$$

Sketch the graph of h . Is h a continuous function?

Try graphing THIS AT [desmos.com](https://www.desmos.com).

THE SYNTAX IS $y = \{ x < -4 : 6, -4 \leq x < 4 : -10 + x^2, x \geq 4 : 2x - 2 \}$



ALL THE PIECES LINK TOGETHER WITHOUT ANY BREAKS. h IS CONTINUOUS EVERYWHERE.