

$$f(x) = \begin{cases} -2|x + 1|, & x \leq 1 \\ 3, & 1 < x < 3 \\ 6 - 2x, & x \geq 3 \end{cases}$$

*Evaluate:  $f(10), f(2), f(0)$*

$$g(x) = \begin{cases} 3x - 5, & x > 4 \\ x^2, & x \leq 4 \end{cases}$$

*Evaluate:  $g(7), g(4), g(-3)$*

$$h(x) = \begin{cases} -x^2 - 2x, & x < -1 \\ x + 2, & x \geq -1 \end{cases}$$

*Evaluate:  $h(-3), h(0), h(-1)$*

$$p(x) = \begin{cases} -2x - 1, & x \leq 1 \\ -x^2 + 3x - 5, & x > 1 \end{cases}$$

*Evaluate:  $p(1), p(-2), p(0)$*

$$f(10) = -14, f(2) = 3, f(0) = -2$$

$$g(7) = 16, g(4) = 16, g(-3) = 9$$

$$h(-3) = -3, h(0) = 2, h(-1) = 1$$

$$p(1) = -3, p(-2) = 3, p(0) = -1$$