

$$f(x) = \begin{cases} 0 & 0 \leq x < 1 \\ 2x - 2 & 1 \leq x \leq \frac{3}{2} \\ 1 & \frac{3}{2} < x \leq 3 \\ -x + 4 & 3 < x \leq 4 \\ 0 & 4 < x \leq 5 \end{cases}$$