1. (10 pts.) Using a graph, evaluate the integral \( \int_{-3}^{3} |x| \, dx \).
2. (10 pts.) The graph of $f$ is given below. Let $A_{f,0}(x) = \int_0^x f(t)\,dt$.

(a) Which is larger: $A_{f,0}(1)$ or $A_{f,0}(5)$? Explain.

(b) Is $A_{f,0}(-1)$ positive or negative? Explain.