

1. Graph $f(x) = 2 - |x|$ in the interval $-1 \leq x \leq 3$. Compute $\int_{-1}^3 f(x) dx$.
2. Graph $g(x) = |2 - x|$ in the interval $-1 \leq x \leq 3$. Compute $\int_{-1}^3 g(x) dx$.
3. Graph $h(x) = |2 - x|$ in the interval $-1 \leq x \leq 3$. Compute $\int_{-1}^3 h(x) dx$.