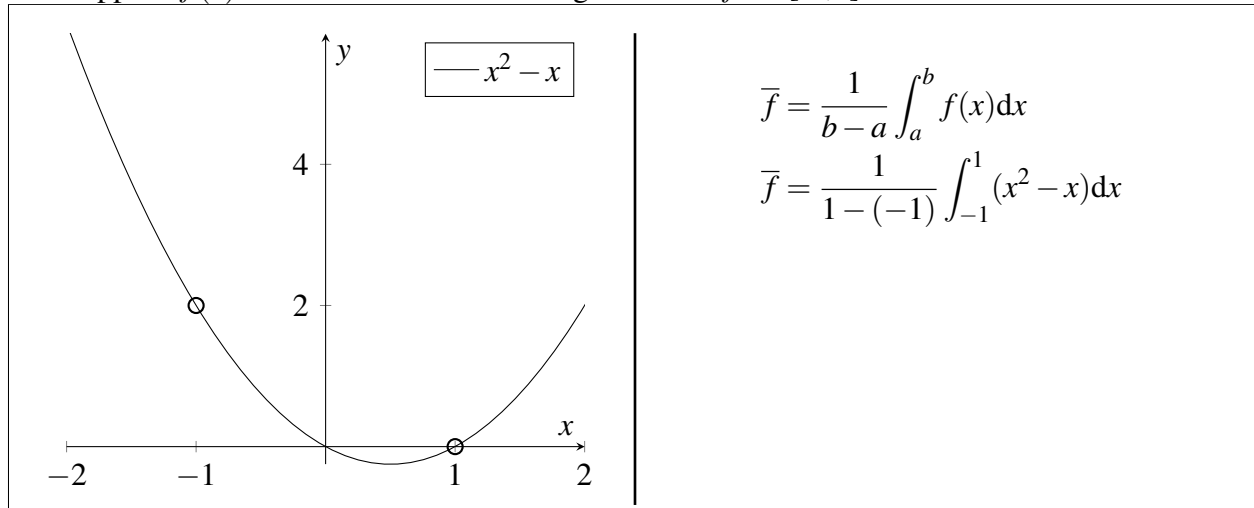


1. Suppose  $f(x) = x^2 - x$  what is the average value of  $f$  on  $[-1,1]$ ?



2. Evaluate  $2 + 4 + 6 + \cdots + 100$ .

3. Evaluate  $\int (7 + e^x)^5 e^x dx$

4. Evaluate  $\int_{-1}^1 (3 + x)^4 dx$