

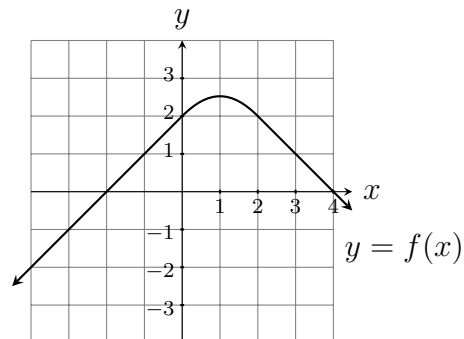
1. Answer the questions about the function $f(x)$ graphed below.

(a) $\int_{-3}^{-1} f(x) dx =$

(b) $\int_4^2 f(x) dx =$

(c) $\int_{-2}^0 f(x) dx =$

(d) Suppose $\int_0^2 f(x) dx = 4.7$. Find $\int_{-2}^4 f(x) dx$.



(e) $\lim_{n \rightarrow \infty} \sum_{k=1}^n f\left(-3 + \frac{2k}{n}\right) \frac{2}{n} =$

2. Suppose for functions f and g we have: $\int_1^4 f(x) dx = 1$, $\int_4^6 f(x) dx = 2$, $\int_1^6 g(x) dx = 3$.

Find $\int_1^6 (2f(x) + g(x)) dx$

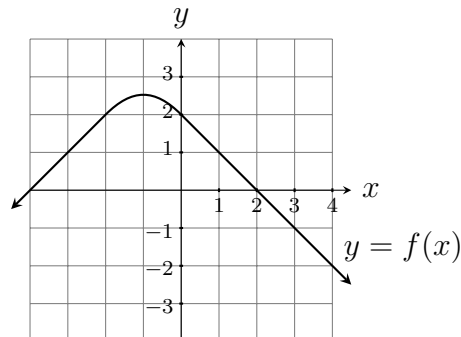
1. Answer the questions about the function $f(x)$ graphed below.

(a) $\int_1^3 f(x) dx =$

(b) $\int_4^2 f(x) dx =$

(c) $\int_0^1 f(x) dx =$

(d) Suppose $\int_{-2}^0 f(x) dx = 4.7$. Find $\int_{-2}^2 f(x) dx$.



(e) $\lim_{n \rightarrow \infty} \sum_{k=1}^n f\left(\frac{k}{n}\right) \frac{1}{n} =$

2. Suppose for functions f and g we have: $\int_1^4 f(x) dx = 3$, $\int_4^6 f(x) dx = 2$, $\int_1^6 g(x) dx = 1$.

Find $\int_1^6 (5f(x) + g(x)) dx$