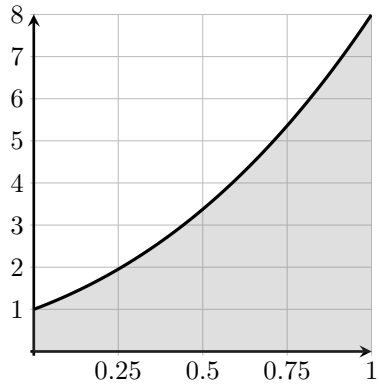


(a)

$$\int_0^1 (x+1)(x-1) dx$$



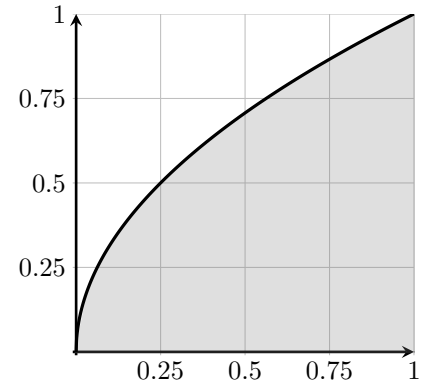
(b)

$$\int_0^1 x - 8x^3 dx$$

$$\frac{1}{2}$$

(c)

$$\int_0^1 \frac{x^3 - x}{x+1} dx$$



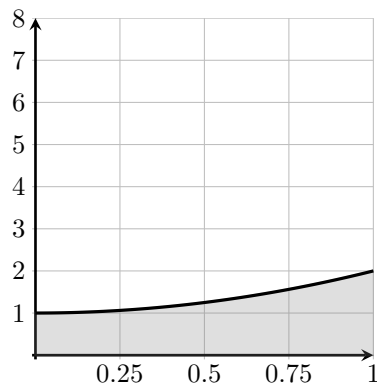
(d)

$$\int_0^1 e^{x+1} dx$$

$$-\frac{1}{6}$$

(e)

$$\int_0^1 2x^3 dx$$



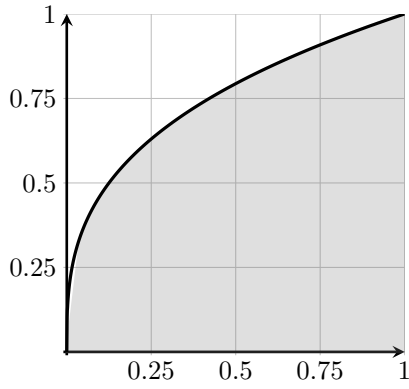
(f)

$$\int_0^1 x^2 + 1 dx$$

$$\frac{1}{3}$$

(g)

$$\int_0^1 x^2 dx$$



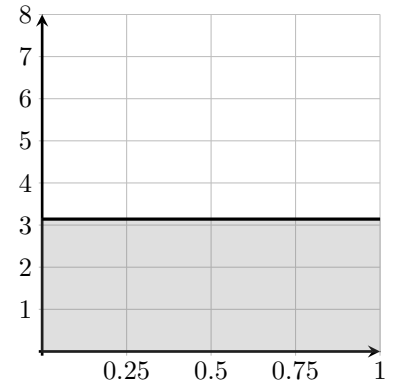
(h)

$$\int_0^1 \sqrt[3]{x} dx$$

$$\frac{7}{3}$$

(i)

$$\int_0^1 \sqrt{x} dx$$



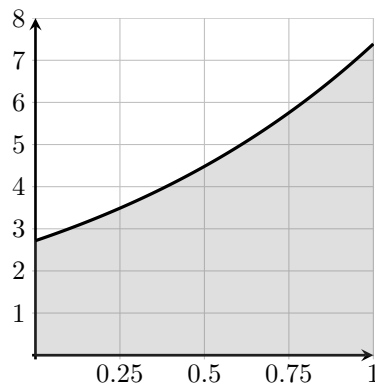
(j)

$$\int_0^1 \pi dx$$

$$-\frac{2}{3}$$

(k)

$$\int_0^1 (x+1)^2 dx$$



(l)

$$\int_0^1 (x+1)^3 dx$$

$$-\frac{3}{2}$$