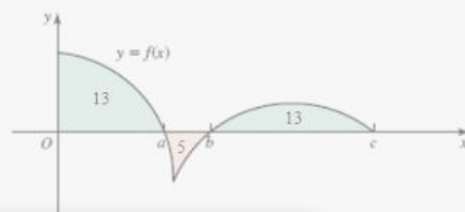


5.2.59

The figure to the right shows the area of regions bounded by the graph of f and the x -axis. Evaluate the following integral.

$$\int_0^b f(x) dx$$



$$\int_0^b f(x) dx = \int_{x=0}^a f(x) dx + \int_{x=a}^b f(x) dx = 13 +$$

✖ That's incorrect.

Correct answer: 8

Your answer: $\int_{x=0}^a f(x) dx + \int_{x=a}^b f(x) dx = 13 + 4 = 17$

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