$\int_{-9}^{0} \left(2 + \sqrt{81 - x^2}\right) dx \text{ can be interpreted as the area under the graph of } f(x) = 2 + \sqrt{81 - x^2} \text{ between } x = -9 \text{ and } x = 0. \text{ This is equal to one-quarter the area of the circle with radius 9, plus the area of the rectangle, so } \int_{-9}^{0} \left(2 + \sqrt{81 - x^2}\right) dx = \frac{1}{4}\pi \cdot 9^2 + 2 \cdot 9 = 18 + \frac{81}{4}\pi.$

