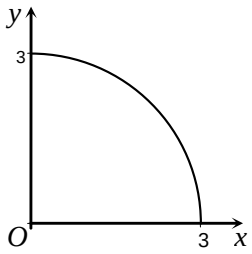
TG ADI **2** The graph represents the function $y = g(x)$.

Use the formula for the area of a circle to find $\int_0^3 g(x)\,dx$.



$$\int_0^3 g(x)\,dx = \frac{1}{4} \times \pi \times 3^2$$

$$= \frac{9\pi}{4}$$