

Volumes #2

$$V = \int_a^b \pi ([f(x)]^2 - [g(x)]^2) dx$$

is used to find the volume of the solid generated between eqns.

Answers

1) $\frac{69\pi}{10}$

2) $\frac{117\pi}{5}$

3) $\frac{2\pi}{3}$

4) 8π

5) $\frac{256\pi}{3}$

6) $\frac{32\pi}{3}$