

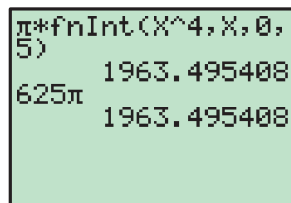
CHAPTER 19 - VOLUMES OF REVOLUTION

TI-84 Plus

To find $\pi \int_0^5 x^4 dx$, press $\boxed{2\text{nd}} \boxed{\wedge} (\pi) \boxed{\times} \boxed{\text{MATH}}$, then select **9:fnInt(** .

Set up the screen as shown.

So, $\pi \int_0^5 x^4 dx = 625\pi$.



The image shows a TI-84 Plus calculator screen with a light green background. The screen displays the command $\pi * \text{fnInt}(X^4, X, 0, 5)$ on the first line. The second line shows the result 625π followed by a decimal approximation 1963.495408 . The third line shows the same decimal approximation 1963.495408 again.