

$n$	$V$	$\approx V$
0	1	1
1	$2R$	$2R$
2	$\pi R^2$	$3.14R^2$
3	$\frac{4}{3}\pi R^3$	$4.19R^3$
4	$\frac{\pi^2}{2}R^4$	$4.94R^4$
5	$\frac{8\pi^2}{15}R^5$	$5.26R^5$
6	$\frac{\pi^3}{6}R^6$	$5.17R^6$
7	$\frac{16\pi^3}{105}R^7$	$4.73R^7$
8	$\frac{\pi^4}{24}R^8$	$4.06R^8$

