



Surface Area - Sphere - Words to Pi Value



1	What is the surface area of this shape?	A Sphere with radius 2	2		the surface this shape?	A Sphere wi	th radius 5
S_{Δ}	$A=4\pi\cdot 2^2$	S $A=2\pi\cdot 2\cdot 4+2\pi 2^2$	S A	4 =	$4\pi \cdot 5^2$	SA=	$\frac{4}{3}\pi 5^3$
3	What is the surface area of this shape?	A Sphere with radius 4	4		the surface this shape?	A Sphere wi	th radius 3
S .	$A=rac{4}{3}\pi 4^3$	$SA=4\pi\cdot 4^2$	S A	4 =	$4\pi \cdot 3^2$	SA=	$\frac{4}{3}\pi 3^3$