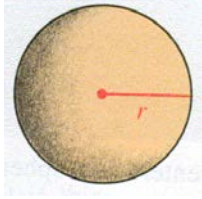


Complete the table for the spheres described.



	1	2	3	4	5	6	7	8
Radius	7	5	$\sqrt{2}$					
Surface Area				36π	100π	64π		
Volume							$\frac{32}{3}\pi$	$\frac{4000}{3}\pi$

9. A scoop of ice cream with diameter 6 cm is placed in an ice cream cone with diameter 5 cm and height 12 cm. Is the cone big enough to hold all the ice cream if it melts?