

Fill in the Blanks

Volume and Surface Area of Cones

Radius r	Vertical Height h	Slanted Height l	Volume in terms of π	Volume to 3 s.f.	Curved Surface Area in terms of π	Total Surface Area in terms of π	Volume : Total Surface Area
5 cm	12 cm	13 cm	$100\pi \text{ cm}^3$			$90\pi \text{ cm}^2$	10 : 9
6 cm	8 cm	10 cm			$60\pi \text{ cm}^2$		
	30 mm	34 mm		8040 mm^3			
0.7 m	2.4 m						
9 cm		15 cm					
2 m			$\frac{14}{5}\pi \text{ cm}^3$				
		20 mm			$240\pi \text{ mm}^2$		
					$15\pi \text{ cm}^2$	$24\pi \text{ cm}^2$	
		17 cm	$320\pi \text{ cm}^3$				8 : 5