



# Fill In The Blanks...



## Volume and Surface Area of Cylinders

Radius	Height	Volume in terms of $\pi$	Volume to 3 s.f.	Curved Surface Area in terms of $\pi$	Total Surface Area in terms of $\pi$	Total Surface Area to 3 s.f.
5 cm	10 cm	$250\pi \text{ cm}^3$	$785 \text{ cm}^3$	$100\pi \text{ cm}^2$	$150\pi \text{ cm}^2$	$471 \text{ cm}^2$
7 cm	15 cm	$735\pi \text{ cm}^3$	$2310 \text{ cm}^3$	$210\pi \text{ cm}^2$	$308\pi \text{ cm}^2$	$968 \text{ cm}^2$
16 mm	20 mm	$5120\pi \text{ mm}^3$	$16100 \text{ mm}^3$	$320\pi \text{ mm}^2$	$1152\pi \text{ mm}^2$	$3620 \text{ mm}^2$
0.6 m	2.4 m	$0.864\pi \text{ m}^3$	$2.71 \text{ m}^3$	$\frac{72}{25}\pi \text{ m}^2$	$\frac{18}{5}\pi \text{ m}^2$	$11.3 \text{ m}^2$
10 cm	5 cm	$500\pi \text{ cm}^3$	$1570 \text{ cm}^3$	$100\pi \text{ cm}^2$	$300\pi \text{ cm}^2$	$942 \text{ cm}^2$
8 cm	12 cm	$768\pi \text{ cm}^3$	$2410 \text{ cm}^3$	$192\pi \text{ cm}^2$	$320\pi \text{ cm}^2$	$1010 \text{ cm}^2$
1.5 m	5 m	$\frac{45}{4}\pi \text{ m}^3$	$35.3 \text{ m}^3$	$15\pi \text{ m}^2$	$\frac{39}{2}\pi \text{ m}^2$	$61.3 \text{ m}^2$
6 mm	20 mm	$720\pi \text{ mm}^3$	$2260 \text{ mm}^3$	$240\pi \text{ mm}^2$	$312\pi \text{ mm}^2$	$980 \text{ mm}^2$