





Surface Area (T. or S.A.) includes the lateral area and the base. S.A. = L.A. + B B = area of base (circle) S.A. = $\pi r\ell + \pi r^2$

1. A sugar cone has an altitude of 8 inches and a diameter of 2.5 inches. Find the lateral area of the sugar cone. $-A \doteq \pi / A$ -A = T(125)(2.5/2 = 175=r L.A.= TT(1.25)(8.097) = 31.8/12



3. Find the Surface area of the figure shown. SA:-LA: conc +LA cylinder +Acylinder +Acylin 13 in 5A-06-(7.8 10 2)+217(5 X2) 7 in +762) 5.A.= 122.68233 +219.91188 10 in £78.53981 S.A. = 421. 1 102 6 7.8102