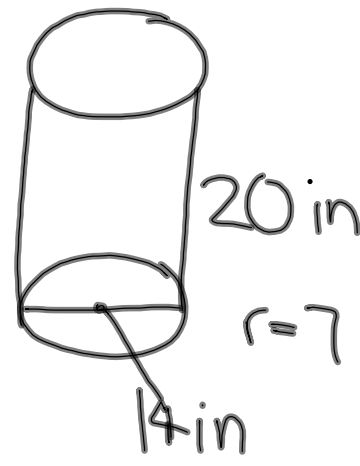


$LA = 2\pi rh$   
 Sin.  $LA = 2\pi(5)(15)$   
 $LA = 2\pi(75)$   
 $LA = 150\pi$   
 $LA = 471.2 \text{ in}^2$



$SA = 2\pi rh + 2\pi r^2$   
 $SA = 2\pi(7)(20) + 2\pi(7^2)$   
 $SA = 280\pi + 98\pi$   
 $SA = 378\pi$   
 $SA = 1187.5 \text{ in}^2$