

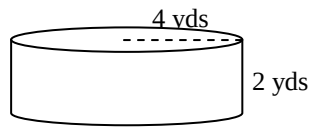
Cylinder Surface Area

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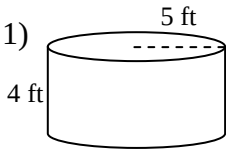
Name: _____

Calculate the surface area of each cylinder. (Use the approximation 3.14 for π .)

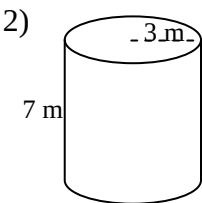
ex:



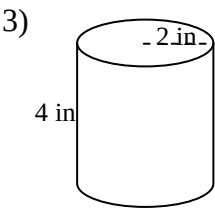
Top	πr^2	$\pi(4)^2 =$
Middle	$2\pi h$	$2\pi(4)(2) =$
Bottom	πr^2	$\pi(4)^2 =$
Total SA		



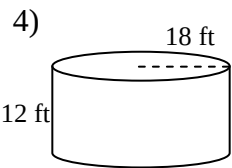
T:	
M:	
B:	
TSA	



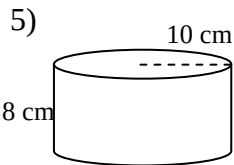
T:	
M:	
B:	
TSA	



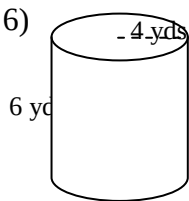
T:	
M:	
B:	
TSA	



T:	
M:	
B:	
TSA	



T:	
M:	
B:	
TSA	



T:	
M:	
B:	
TSA	



$h = 4.8$ in
 $d = 2.5$ in

T:	
M:	
B:	
TSA	



$h = 35$ cm
 $d = 3$ cm

T:	
M:	
B:	
TSA	

Clean up the formula by finishing the last step.

9)	TSA	=	Area of Circle	+	Area of Rectangle	+	Area of Circle
	TSA	=	πr^2	+	$2\pi h$	+	πr^2
	TSA	=	2(Area of Circle)	+	Area of Rectangle		
	TSA	=					