Surface Area of a Cylinder Date:____ Solve the problems. The height and diameter of a cylinder are 7 feet and 8 feet respectively. Find the surface area of 1) the cylinder. Use (π = 3.14). A water tank is in the shape of a right circular cylinder with the height of 11.9 feet and the surface 2) area is 645.03 cubic feet what is the diameter of the tank? A cylinder has a radius of 8.9cm and a height of 24cm. What is the surface area of the cylinder? 3) Sam gave a glass of water to Lucy. The glass is 12cm tall and has a diameter of 8cm. What is the 4) surface area of the glass? A Cylindrical oil tank has the surface area of 1547.7 square feet. If the radius is 7.8 feet then find 5) the height?

Surface Area of a Cylinder

Name:	Solve the problems.	Date:
	solve the problems.	
The height and diameter the cylinder. Use (π = 3.14	of a cylinder are 7 feet and 8 feet resp 1).	pectively. Find the surface area of
276.46 ft ² ≈ 276 ft ²		
	pe of a right circular cylinder with the what is the diameter of the tank?	e height of 11.9 feet and the surfac
11.6 ft≈ 12 ft		
A cylinder has a radius of	8.9cm and a height of 24cm. What is	the surface area of the cylinder?
1839.78 cm ² ≈ 1840 cr	m^2	
Sam gave a glass of water surface area of the glass?	to Lucy. The glass is 12cm tall and ha	as a diameter of 8cm. What is the
402.12 cm^2 ≈ 402 cm^2		
A Cylindrical oil tank has the height?	the surface area of 1547.7 square fee	et. If the radius is 7.8 feet then find
23.78 ft ≈ 24 ft		