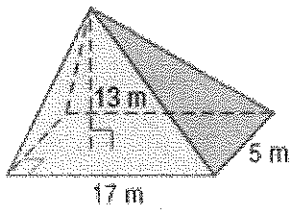
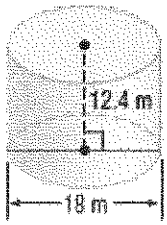
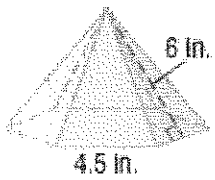
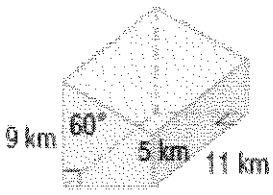
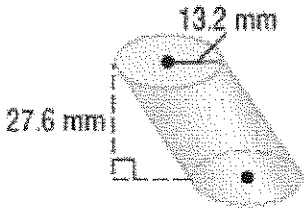
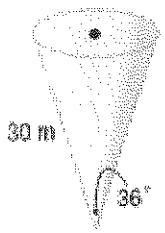
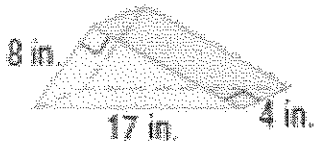
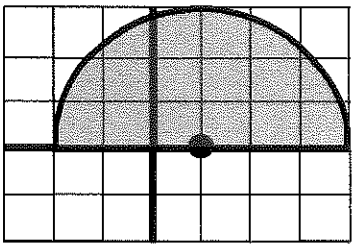
Surface Area and Volume Name _____ 2nd 3rd 4th

	SURFACE AREA	VOLUME
		
		
		
		
		

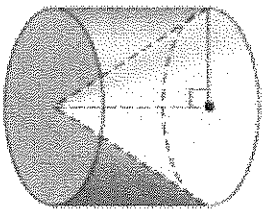
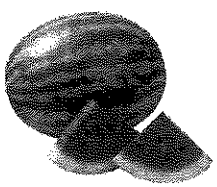
		
		

Name the solid formed by rotating the semicircle 360 degrees about the axis.



Find the surface area and volume of the solid.

What is the probability of choosing a point inside the cylinder, but not inside the cone that has the same base and height as the cylinder?



A spherical watermelon has a 12 inch diameter. The volume of a particular spherical cantaloupe is half the volume of the watermelon. Find the diameter of the cantaloupe.