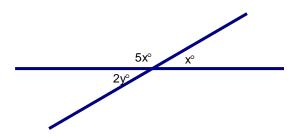
## **10-2** Three Dimensional Figures

Name:			Time> Start:	Finish:	_ Total Time =
	1.	What is the total surface radius of 3 inches and	•		
	2.	What is the total surface radius of 8 inches and	•		r?
	3.	What is the volume of	a sphere that has a	radius of 6 cm?	
	4.	What is the surface are	ea of a sphere that h	nas a diameter of	10 cm?
	5.	What is the volume of height four times its ra	-	a diameter of 6	cm and a
	6.	What is the volume of a square base with each		-	n and
	7.	Box A is 10 cm by 8 c If box B is put into box	•	•	•
	8.	How much volume is l 4 cm cube is placed in			
	9.	How much volume is l if a 4 cm sphere is place	-	L	
	10.	How much larger (squ	are inches) is a 14	inch pizza than a	a 12 inch pizza?
	11	The radius of Sphere A How many times large of Sphere A?		-	

## **SAT Questions – All have videos**

\_\_\_\_Trig 2-2 12. In the figure below, what is the value of y?



\_\_\_\_\_Trig 3-1

16. If f(x) = (x - 2)<sup>2</sup> + 4, what is the least possible value of f(x)?
A. 0
B. 1
C. 2
D. 3
E. 4

\_\_\_\_\_Trig 3-1

19. If  $f(x) = \sqrt{x+1}$  for all values of  $x \ge 0$ , and  $f(x) = x^2 + 2$  for all values of x < 0, what is the sum of f(-3) and f(8)?