## Unit 4 – Segment Lengths and Volume



## GSE Geometry



	Answers
1) What is the volume of a cylinder with a radius of 3 in. and a height of $\frac{9}{2}$ in.?	1)
A. $\frac{81}{2}\pi in^3$	
B. $\frac{\frac{27}{27}}{\pi}\pi in^3$	
C. $\frac{\frac{27}{27}}{\pi}\pi in^3$	
D. $\frac{9}{9}\pi in^3$	
4	
2) A careal bay is 10.4 inches high 7.4 inches long and 2.2 inches wide What is the	
volume of the cereal box rounded to the nearest cubic inch?	2)
A. 77	
B. 140 C. 177	
D. 236	
3) Frances bought a new refrigerator to replace her old refrigerator shown below. Her	2)
higher. How many more cubic inches of space are in Frances's new refrigerator	3)
compared to her old refrigerator? Frances' Old Refrigerator	
A. 8.640	
B. 14,880	
C. 17,856 D. 25,440	
62 inch	
30 inch	
4) Civen is a stack of backs, each 0 by 12 by 1 inch What should be values of the	
stack?	4)

