Geometry/Tr	ig 2
12.1 - 12.3 wo	rksheet

Name _____ Block ____

<u>Directions</u>: Find the total area and volume of each shape. Show all work. Leave all answers in π form and/or simplified radical form.

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	Total Area	Volume	
1) 24cm 6cm 18cm			
2) 5ft 24ft			
3)			
30ft 60ft			
4) 4cm 3cm			

Geometry/Trig 2 12.1 - 12.3 worksheet

Total Area

Volume

5) 12m		
13cm 13cm		
7) The base is a regular hexagon. 7ft 4ft		
8) 8in 11in 12in	NOTE: Do not add in the base of the cone when calculating the T.A, nor the top base of the cylinder. Imagine the solid is completely hollow.	