

Name : \_\_\_\_\_

## Surface Areas and Volumes

Sheet 3

A) Complete the table.

	Surface Area of figure M	Scale factor of M to N	Ratio of Surface Areas	Surface Area of figure N
1)	7 yd <sup>2</sup>	1 : 7.1		
2)	80.92 ft <sup>2</sup>	3.4 : 6.3		
3)	57.216			
4)	3.2 f			
5)	1,116			
6)	192 i			

B) Complete the tab

	Volume of		Volume of figure D
1)	64 in		
2)	2,048		
3)	24.2 ft <sup>3</sup>	2 : 5	
4)	878.08 in <sup>3</sup>	5.6 : 3.1	
5)	16.875 ft <sup>3</sup>	1.5 : 4	
6)	270 yd <sup>3</sup>	3 : 0.7	

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