NAME	DATE	PERIOD
Test, Form 1A		SCORE
of each question. For Exercises 1-4, find the v	ect answer in the blank at the right volume of each solid. Round to the	
nearest tenth if necessary. 1. A. 4,188.8 in ³ B. 3,141.6 in ³	C. 418.8 in ³ Sphere	RT: MS12. e with fill. adius, label '10 in.' 1.
2. F. 37.7 cm ³ G. 56.5 cm ³	H. 113 cm ³ 6 cm I. 169.9 cm ³ 3 cm	
3. A. 49.1 in ³ B. 65.4 in ³	C. 196.3 in ³ D. 200 in ³	2
4. F. 94.2 in ³ G. 188.4 in ³	H. 282.7 in ³ I. 1,130.4 in ³	3 3 in.
G. 100.4 III		10 in. 4 2 ft
 5. What is the surface area of nearest tenth. A. 62.8 cm² B. 113.0 cm² 	of the cylinder? Round to the $C. 150.8 \text{ cm}^2$ $D. 251.2 \text{ cm}^2$	10 ft
		5

6. What is the surface area of a cone with a radius of 3 meters and a slant height of 4 meters? Round to the nearest tenth.

F. 66.0 m^2	H. 226.0 m^2	
G. 113.0 m^2	I. 263.8 m ²	

181

6._____

NAME	MEDATE		DATE	PERIOD	
Test, Form	n 1A (contin	nued)		SCORE	
0	e e	and its base has a d Round to the neare	iameter of 4 inches. st tenth.		
A. 37.7 in ³	B. 75.4 in ³	C. 150.7 in ³	D. 301.4 in ³	7	
of the surface to		nt is to be painted. me that the bottom ble number.	what is the area	20 ft	
F. 7,536 ft ²		H. 4,084 ft ²		60 ft	
G. 4,396 ft ²		I. 3,768 ft ²		,	
Suppose a pop	corn container has What is the lateral a		e shape of cones. es and a slant height container rounded		
A. 113 in ²	B. 226 in ²	C. 339 in ²	D. 1,357 in ²	9	
10. What is the volume whole number	-	-		n. 15 in. 10.	
F. 2,138 in ³		H. 1,035 in^3			
G. 1,178 in ³		I. 960 in ³	16 in.	6 in. 10 in.	
11. The surface are surface area of		rism is 78 square ir at is three times as			
A. 156 square	inches	C. 312 square i	nches		
B. 234 square :	inches	D. 702 square i	nches	11	
	ilar cone that is tw	vice as large as the	first cone?		
F. 2,800 cubic 1		H. 700 cubic me		10	
G. 1,400 cubic	meters	I. 175 cubic me	ters	12	