

		Nixxi will be sitting on top of the dunk tank at	The cone below has a heigh of 5 inches
em		her school's carnival fund-raiser. She wants to find the volume of the tank so she can figure out	and a radius of 3 inches.
th		how much water she will need to fill it. The tank	3 in.
Se		is 4.5 feet deep and has a radius of 5 feet.	•1
l u			
and			
es			5 in.
ler		4.5 ft	×-
ph			What is the approximate volume of the
pu s			cone? Use 3.14 for pi.
an		What is the approximate volume of the tank?	$\Lambda$ 15 7 in <sup>3</sup> B 47 1 in <sup>3</sup>
IS,		Use 3.14 for pi.	C. 78.5 in <sup>3</sup> D. 141.3 in <sup>3</sup>
nde		A. 62.8 ft <sup>3</sup> B. 125.6 ft <sup>3</sup> C. 353 ft <sup>3</sup> D. 1256 ft <sup>3</sup>	
ylir			
ن ن		The sphere below has a diameter of 30	What is the exact volume of a half cone with a radius of 12 feet and a height of 3 feet?
nes			
COJ	ms		A. $432\pi$ cubic feet
of	ble	30 ft	B. $72\pi$ cubic feet
ne	0TO		C 144 subis fact
Iui	alp		C. $144\pi$ cubic reet
ΛO	tica	Approximately, which is the volume of	D. $24\pi$ cubic feet
he	na	the sphere? Use 3.14 for pi.	
DT (	hei	A. 10,597 tt <sup>3</sup> B. 13,040 tt <sup>3</sup> C 14 130 tt <sup>3</sup> D 87 780 tt <sup>3</sup>	
s f(	lat]		
ula	l m	What is the approximate volume of this	What is the approximate volume of a
(III)	and	cylinder? Use 3.14 for pl.	of 20 feet?
foi	ld	• 4 m	
he	/ <b>O</b> L		A. 2,093.3 cubic feet
w t	I-w	IOm	B. 4,186.7 cubic feet
ou	rea	$\sim$	C 167467 cubic feet
) K	ve .	A. 2,009.6 cubic meters	
	sol	B. 502.4 cubic meters	D. 33,493.3 cubic feet
8.0	to 9	D. 167.5 cubic meters	