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Name: Key		Date:	Class:	·
Study Guide for Volume				
1. Find the volume of the	V=11 γ b. 210π ft <sup>3</sup> V=11.6 <sup>2</sup> 2 c. 2100π ft <sup>3</sup>	4. Find the volume of 20 cm	V=3T-720	a. $\frac{120}{3} \pi \text{ cm}^3$ b. $\frac{240}{3} \pi \text{ cm}^3$ c. $\frac{720}{3} \pi \text{ cm}^3$ d. $\frac{20}{3} \pi \text{ cm}^3$
2. Find the volume of the	e cylinder below: $a. \approx 75.36 \text{ cm}^3$ $V = 17^2 \text{h}$ $b. \approx 226.08 \text{ cm}^3$ $V = 17 9.8 \text{d}. \approx 57.68 \text{ cm}^3$ $V = 17 9.8 \text{d}. \approx 57.68 \text{ cm}^3$	5. Find the volume of below:	of the sphere V=まれで V=まれる <sup>3</sup> V=まれ-27 「V=36TT mu <sup>3</sup>	a. 112π m <sup>2</sup> b. 8π m <sup>2</sup> c. 36π m <sup>2</sup> d. 24π m <sup>2</sup> 4. 27 108 34
3. Find the volume of the	$7 \approx 126.08 \text{ cm}^3$ $\frac{1}{3} \approx \text{cm}^3$ $\frac{24}{3} \pi \text{ cm}^3$ $\frac{2}{3} \pi \text{ cm}^3$	6. Find the volume of below:	V=3T-343 V=3T-343	(a.) $\frac{1372}{3}\pi \text{ cm}^3$ b. $\frac{343}{3}\pi \text{ cm}^3$ c. $\frac{7}{3}\pi \text{ cm}^3$ d. $49\pi \text{ cm}^3$ $\frac{4}{3}\pi \text{ cm}^3$
radius and a 9m height. He formula is a second of the concess of t	er tanks that they use for farming.  How much water can it hold?  VIII HE SELECTION  VIII HE SELECTION  VIII HE SELECTION  Lession stand at the movie theater.	She bought popcorn tl	hat came in a containe	er shaped like a
cone. The container was approximate answer.	7inches high and the diameter way $\sqrt{\frac{1}{2}} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2} + \frac{1}{2} = \frac{1}{2}$	is 5 inches. What is the	volume of the contai	ner? Give an
9=r / //////////////////////////////////	V=当下亿677 V=当下625·7 V=当下43.75 V=935下公件5.7			
9. Titiled a glass with water. The glass is 12 inches fail and 4 inches across. How much water will runnik it find it to the				
411	sses? Use 3.14 for $\pi$ $V = TT \cdot T^2 \cdot 12$ $V = TT \cdot 4 \cdot 12$ $V = TT \cdot 4 \cdot 4 \cdot 2 \cdot (3 + 4) \cdot (48)$	919259 91925972 m <sup>2</sup> ·)	four glasses: 46	(6072) (602.88 m²)