

SPHERE AND CONE VOLUMES PRACTICE ANSWERS

#	r	d	V	#	r	d	V
1	4 cm	8 cm	268.1 cm <sup>3</sup>	11	11.55 in	23.1 in	6458 in <sup>3</sup>
2	16 cm	32 cm	17157.3 cm <sup>3</sup>	12	10.31 cm	20.6 cm	4593 cm <sup>3</sup>
3	2.6 cm	5.2 cm	73.62 cm <sup>3</sup>	13	3.4 mm	6.8 mm	165 mm <sup>3</sup>
4	37 cm	74 cm	2.12 x 10 <sup>5</sup> cm <sup>3</sup>	14	2.72 km	5.4 km	84 km <sup>3</sup>
5	2.5 in	5 in	65.45 in <sup>3</sup>	15	3 km	6 km	113.1 km <sup>3</sup>
6	5.3 in	10.6 in	624 in <sup>3</sup>				