

NAME _____ DATE _____ PER. _____

SURFACE AREA & VOLUME OF SPHERES

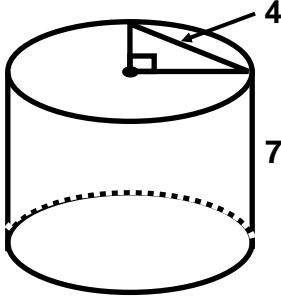
Find the indicated measure(s) for each sphere described. For problems 1 – 6, answers to even numbered problems should be rounded to the nearest thousandth. All other answers should be EXACT.

1. SA = _____ V = _____	Radius = 9 cm
2. SA = _____ V = _____	Radius = 3m
3. SA = _____	Volume = 288π cubic cm.
4. V = _____	Surface Area = 100π square units

<p>5. SA = _____</p> <p>V = _____</p>	<p>d = 42 ft</p>
<p>6. SA = _____</p> <p>V = _____</p>	<p>Circumference of great circle = 16π m.</p>

REVIEW PROBLEMS

Solve each problem as indicated.

<p>7) LA = _____</p> <p>TA = _____</p> <p>V = _____</p>	<p>Find the EXACT measures for the cylinder:</p>	
<p>8) LA = _____</p> <p>TA = _____</p> <p>V = _____</p>	<p>Find the measures to the nearest thousandth:</p>	