12.2/12.4b – LATERAL AREA, SURFACE AREA, & VOLUME OF CYLINDERS
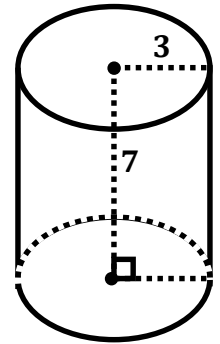
For each of the following, find the EXACT *Lateral Area, Surface Area,* **and** *Volume.*

1. LA = _____

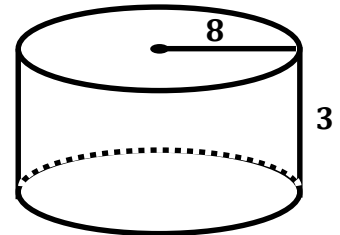   SA = _____

   V = _____

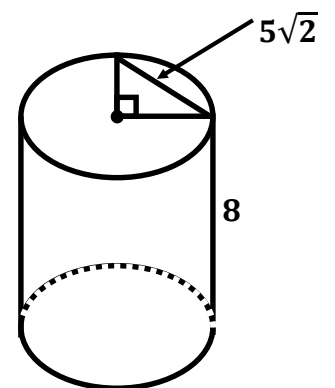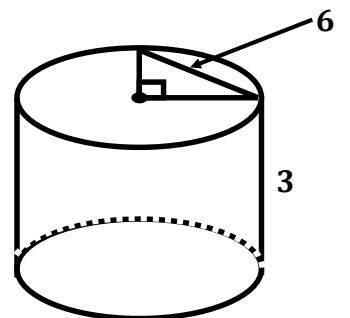2. LA = _____

   SA = _____

   V = _____

3. LA = _____

   SA = _____

   V = _____

4. LA = _____

   SA = _____

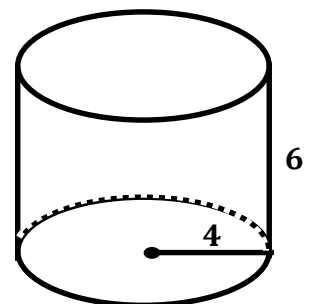   V = _____

5. LA = _____

   SA = _____

   V = _____
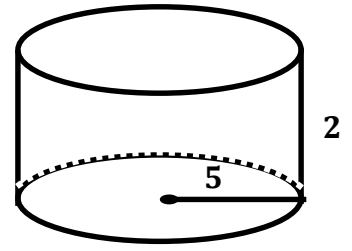
6. LA = _____ SA = _____ V = _____	 **2** **5**
7. LA = _____ SA = _____ V = _____	A cylinder has a radius of $2\ in.$ and a height of $5\ in.$
8. LA = _____ SA = _____ V = _____	A cylinder's radius and height are both $4\ cm$.
9. h = _____ LA = _____ SA = _____	The volume of a cylinder is $63\pi\ in^3$ and its radius is $3\ in.$
10. r = _____ LA = _____ SA = _____	The volume of a cylinder is $45\pi\ cm^3$ and its height is $5\ cm$.

4/10/17