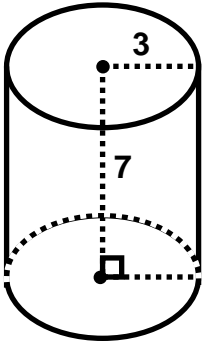
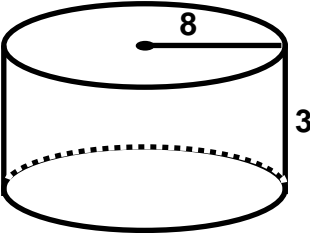
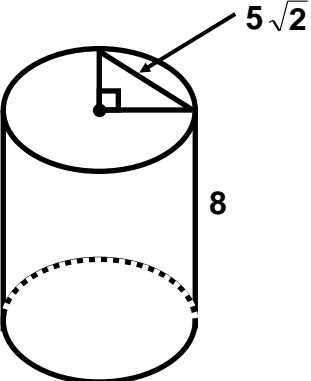
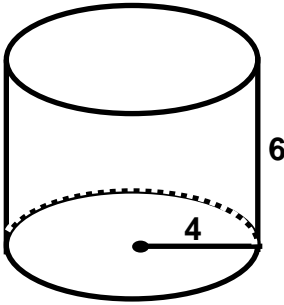


NAME _____ DATE _____ PER. _____

A#13-4: SURFACE AREA & VOLUME OF CYLINDERS

Find the indicated value(s) for each of the following.

<p>1. LA = _____ TA = _____ V = _____</p>	
<p>2. LA = _____ TA = _____ V = _____</p>	
<p>3. LA = _____ TA = _____ V = _____</p>	
<p>4. LA = _____ TA = _____ V = _____</p>	

5. $V =$ _____	A cylinder has a radius of 2 in. and a height of 5 in. Find its volume.
6. $TA =$ _____	A cylinder's radius and height are both 4 cm. Find its total area.
7. $LA =$ _____	The volume of a cylinder is $63\pi \text{ in}^3$ and its radius is 3 in. Find its lateral area.
8. $TA =$ _____	A cylinder has a radius of 5 cm and a height of 9 cm. Find its Total Area.
9. $LA =$ _____	The volume of a cylinder is 36π cubic units and its height is 4 units. Find its Lateral Area.
10. $h =$ _____	Find the height of a cylinder with a volume of 150π cubic units, and a radius of 5 units.