

Geometry
WS Cones Introduction

NAME _____

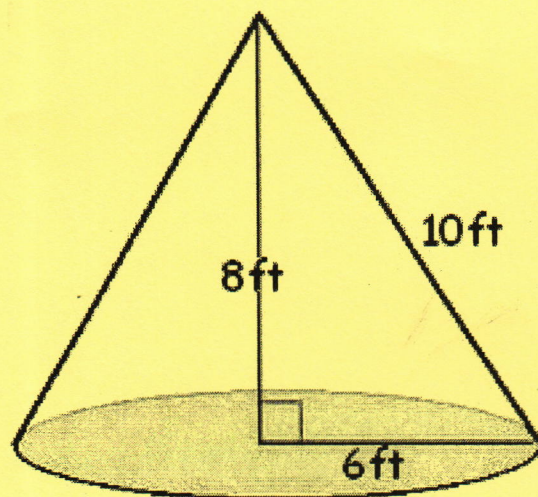
Period _____

Formulas for SA, LA, V of a cone

$$LA = \pi rL$$

$$SA = \pi r^2 + \pi rL$$

$$V = \frac{1}{3} \pi r^2 h$$



1. For the cone shown, what is the radius (r)?
2. For the cone shown, what is the height (h)?
3. For the cone shown, what is the slant height (L)?
4. What is the lateral area?
5. What is the surface area?
6. What is the volume?