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# Surface Area of Cylinders

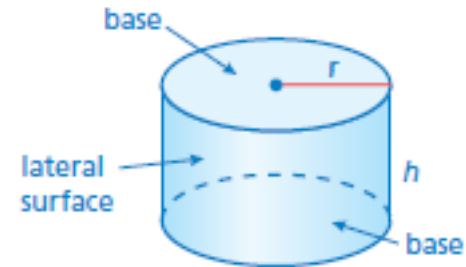
## Lesson 9.3



A *cylinder* is a solid that has two parallel, identical circular bases.

 **Key Idea**

**Surface Area of a Cylinder**



**Words** The surface area  $S$  of a cylinder is the sum of the area of the bases and the lateral surface.

**Algebra**  $S = 2\pi r^2 + 2\pi rh$

↑  
Areas of  
bases

↑  
Area of  
lateral surface

