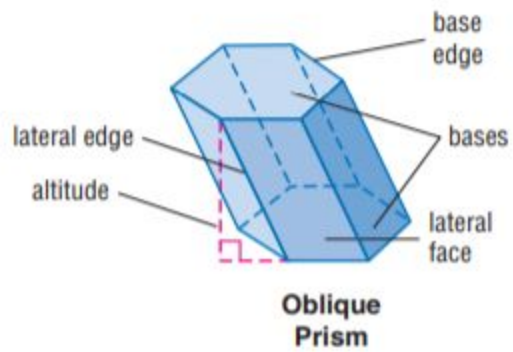
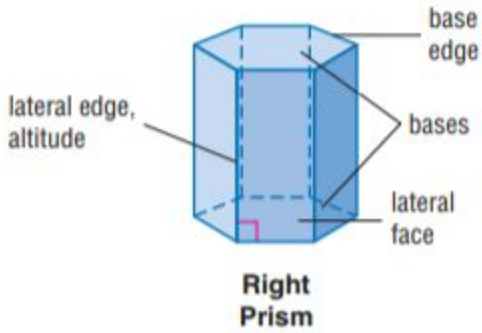


Lateral Area and Surface Area of Prisms



Lateral Area:

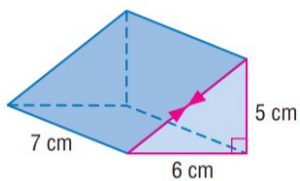
The **lateral area of a right prism** is $L = Ph$, where h is the _____ and

P is the _____

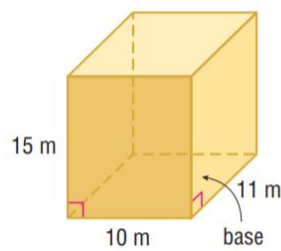


1. Find the lateral area of the prism:

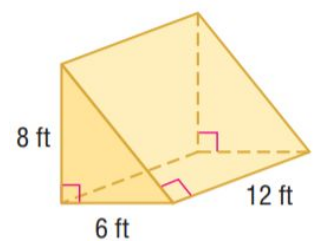
a.



b.



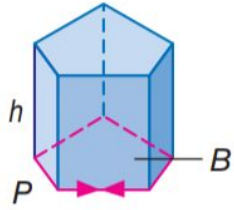
c.



12.2 Surface Areas of Prisms and Cylinders

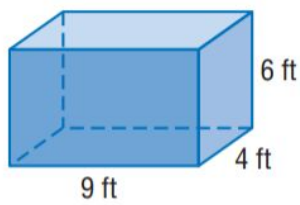
Surface Area of a Prism is $S = L + 2B$, where L is the _____ and

B is the _____

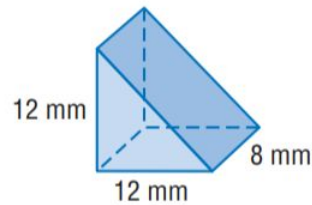


2. Find the surface area of the rectangular prism:

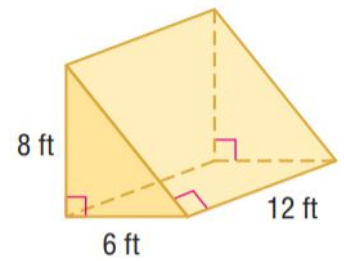
a.



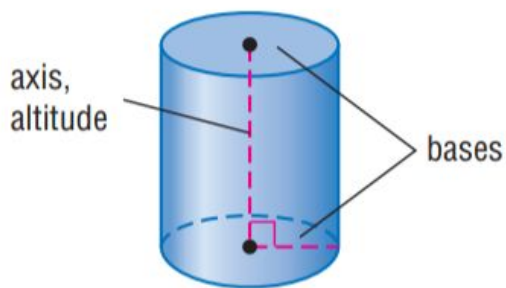
b.



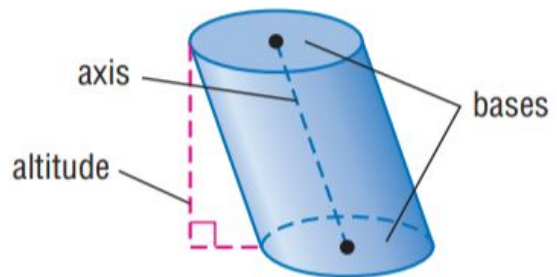
c.



Lateral Area and Surface Area of Cylinders



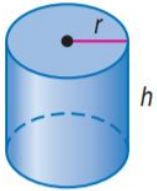
**Right
Cylinder**



**Oblique
Cylinder**

The lateral area of a right cylinder is $L = 2\pi rh$, where r is _____ and

h is _____

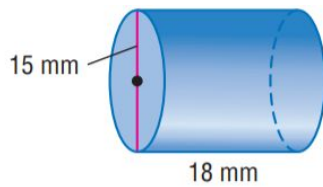


The surface area of a right cylinder is $S = L + 2B$, where L is _____ and

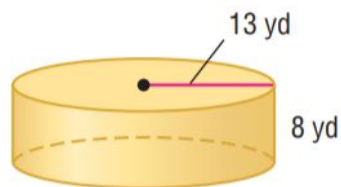
B is _____

3. Find the lateral area and the surface area of the cylinder. Round to the nearest tenth.

a.



b.



c.

