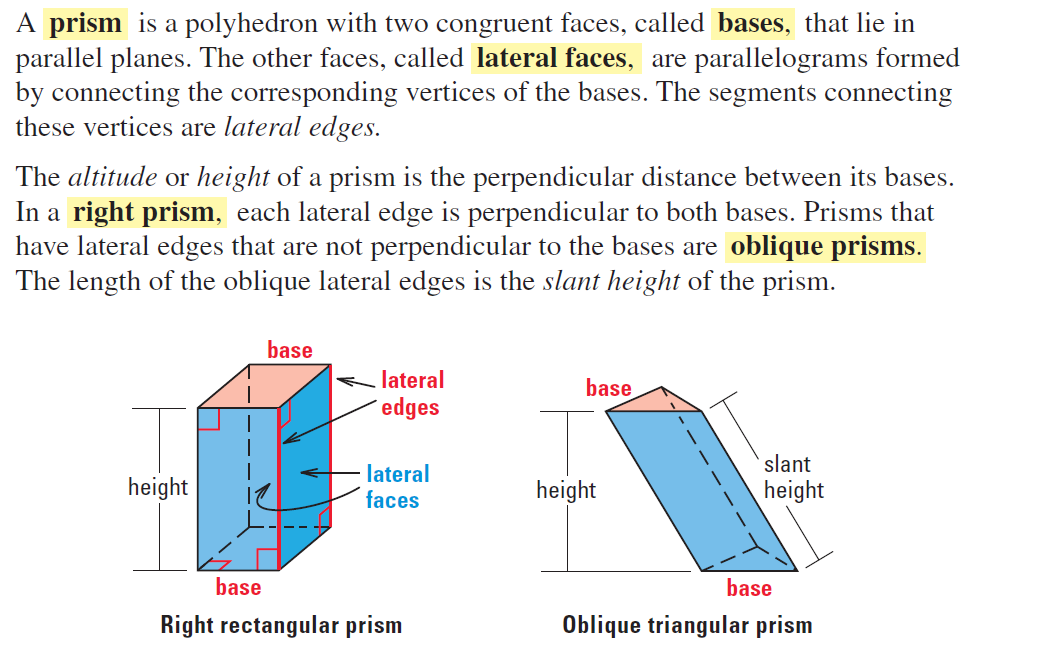
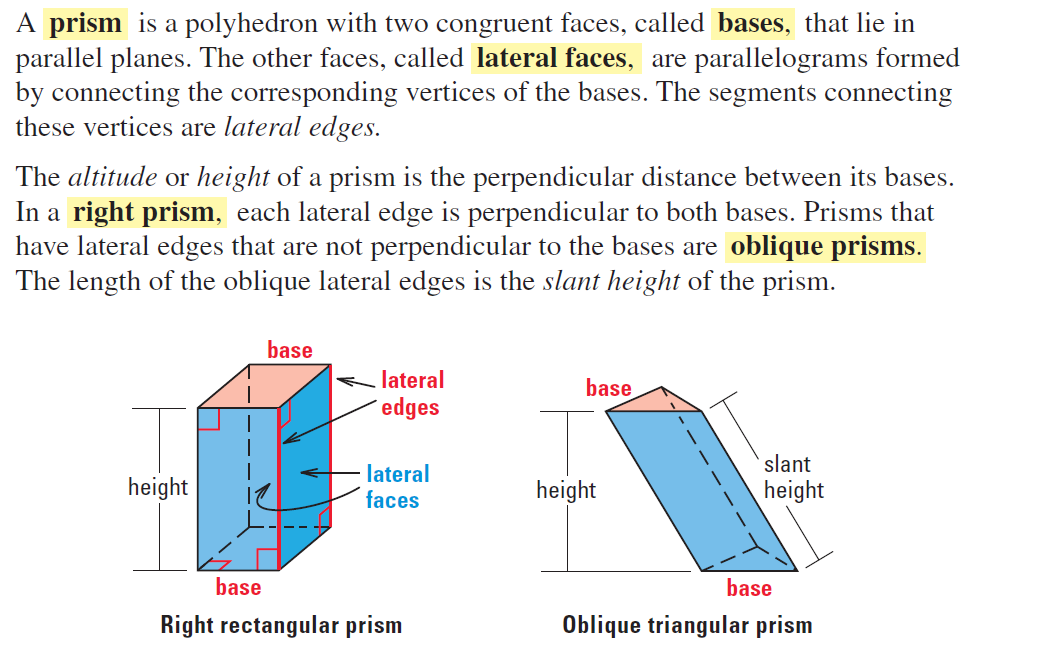
**Basic Surface Area and Volume of Prisms and Cylinders- Notes**

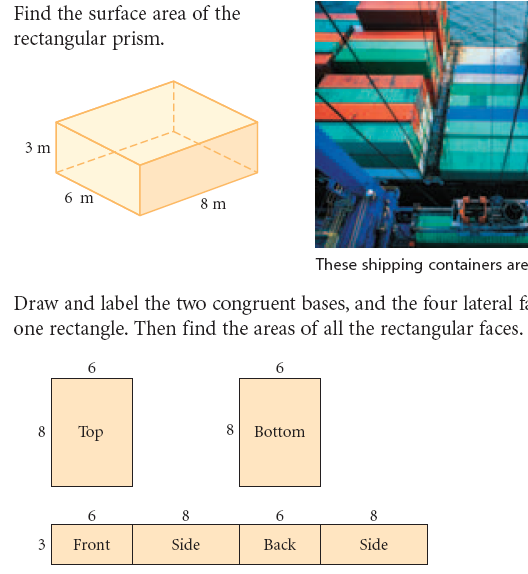
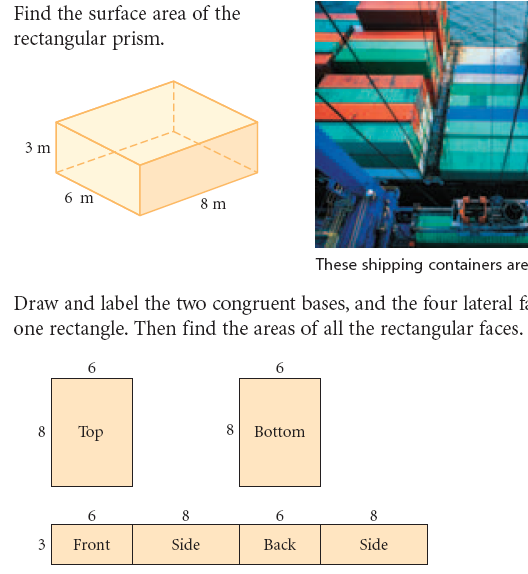




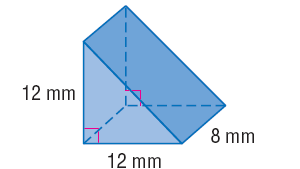
|  |  |  |
| --- | --- | --- |
| Surface Area: | Lateral Area: | Volume: |

Example1:

Find the volume, lateral area and surface area of the prism.



**Practice Example:** Find the volume, lateral area and surface area of the prism.

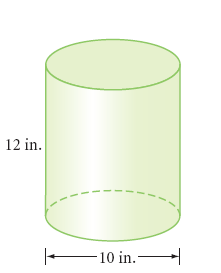
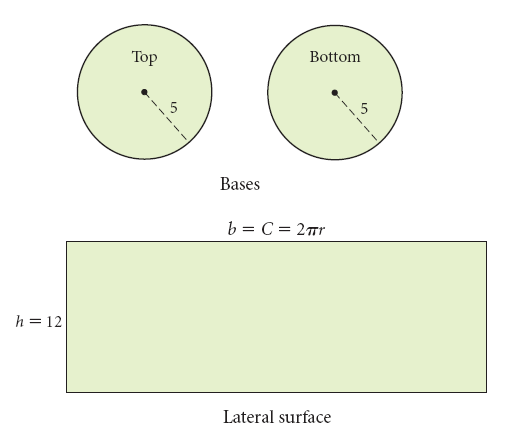
1.

Cylinders:

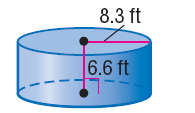
|  |  |  |
| --- | --- | --- |
| Surface Area: | Lateral Area: | Volume: |

Example2:

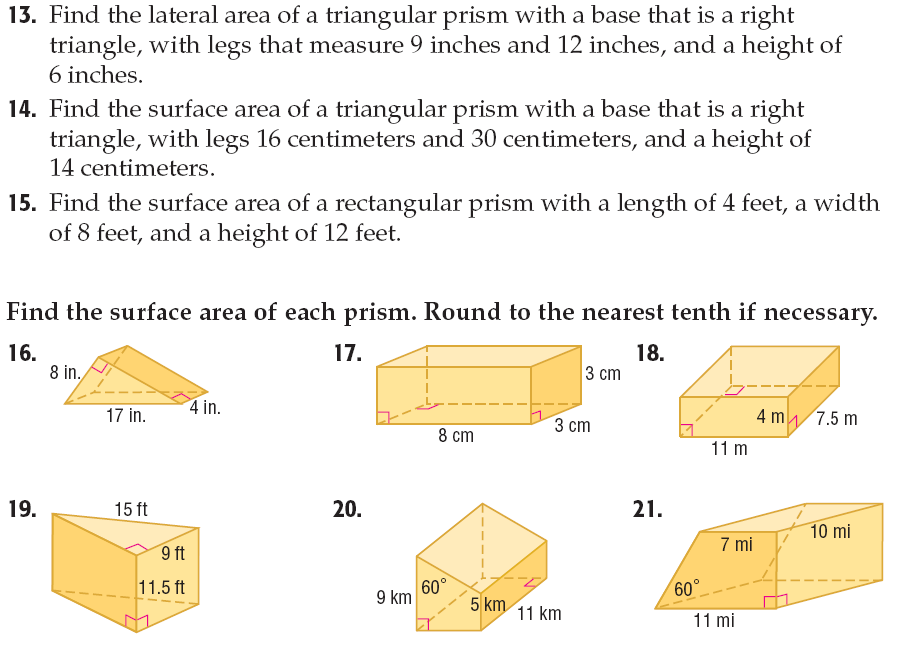
Find the volume, lateral area and surface area of the prism.



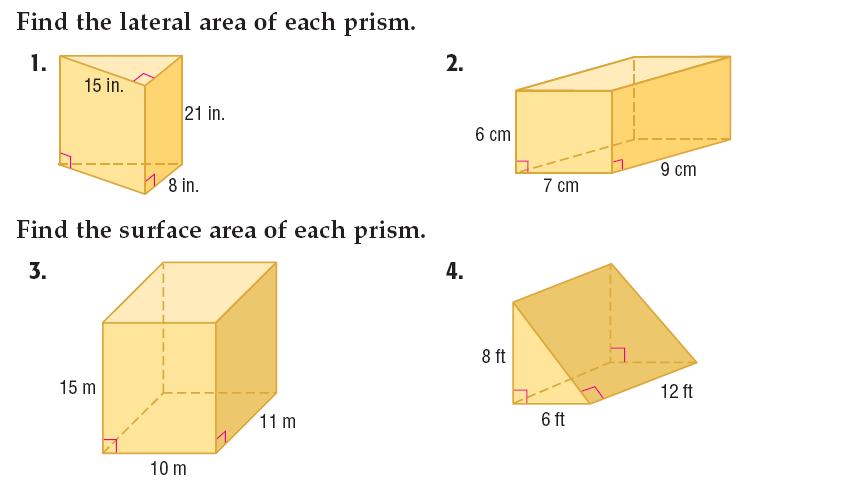
**Practice Examples:** Find the volume, lateral area and surface area of the solid.

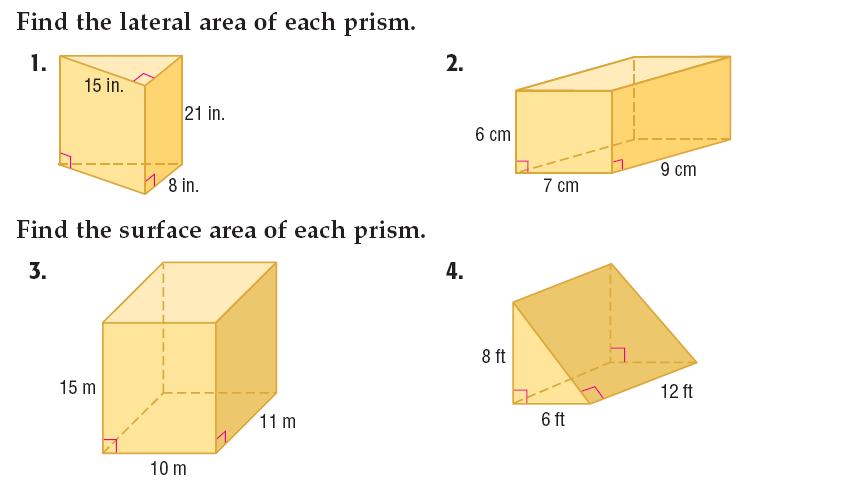


1.

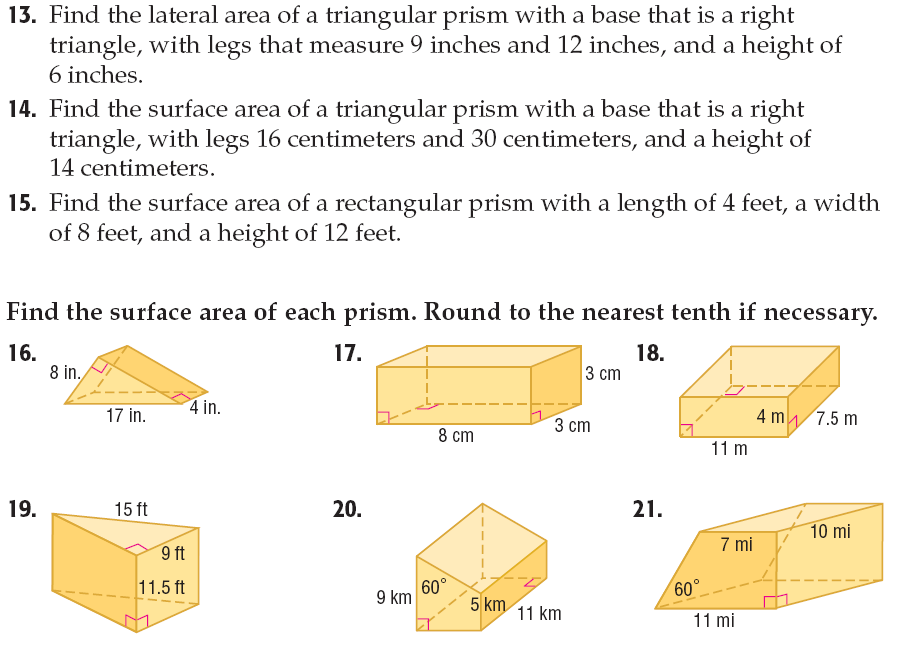
**Basic Surface Area and Volume of Prisms and Cylinders- In-Class Practice**

**Directions:** Find the volume and surface area of the solid, round to the nearest tenth if needed.

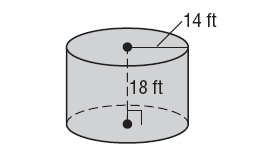
1.

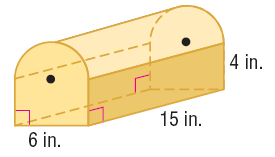


2.

****

3.

4.

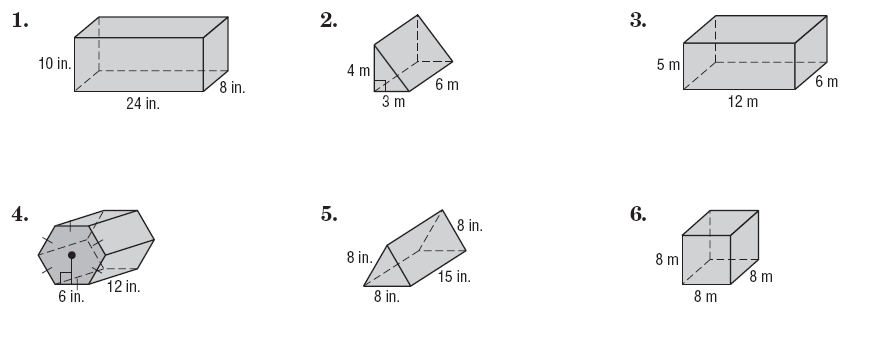


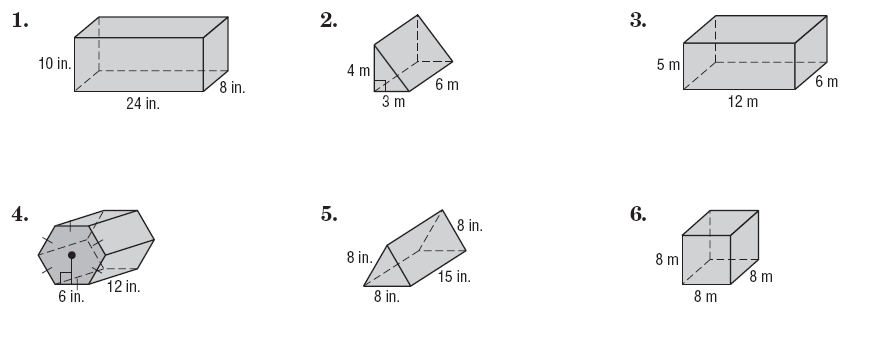
5.

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Hour: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

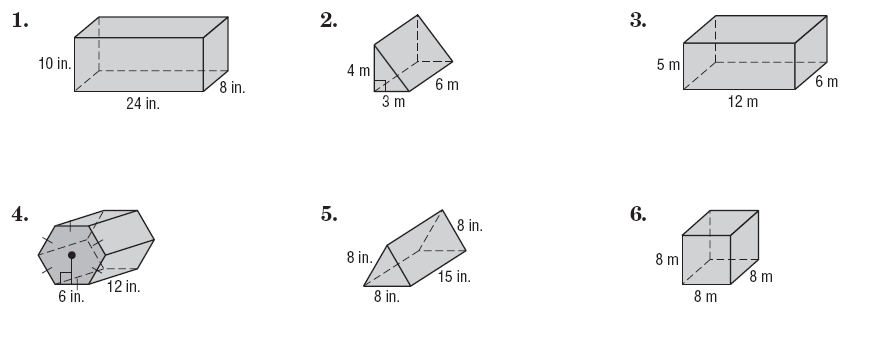
**Basic Surface Area and Volume of Prisms and Cylinders- Homework**

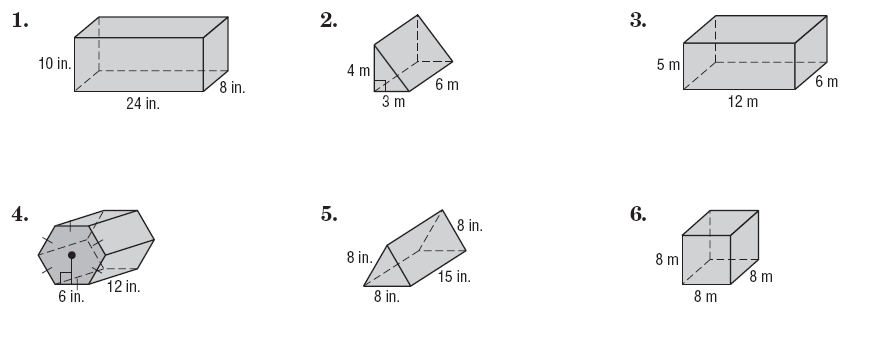
**Directions:** Find the volume and surface area of the solid, round to the nearest tenth if needed.

1.

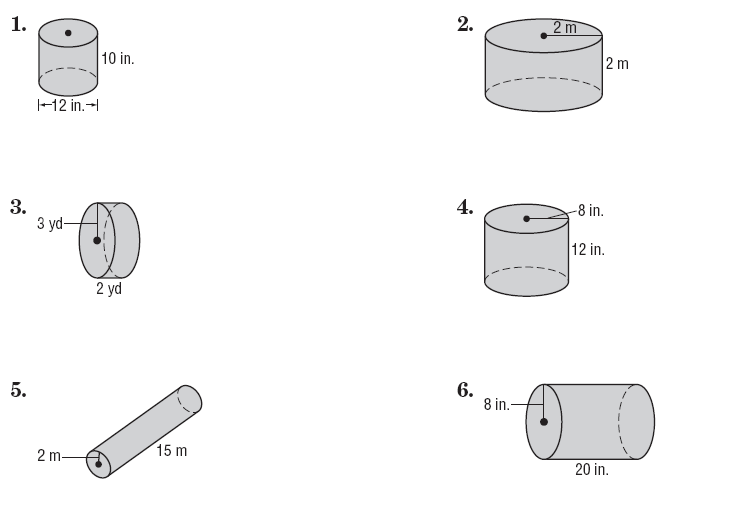


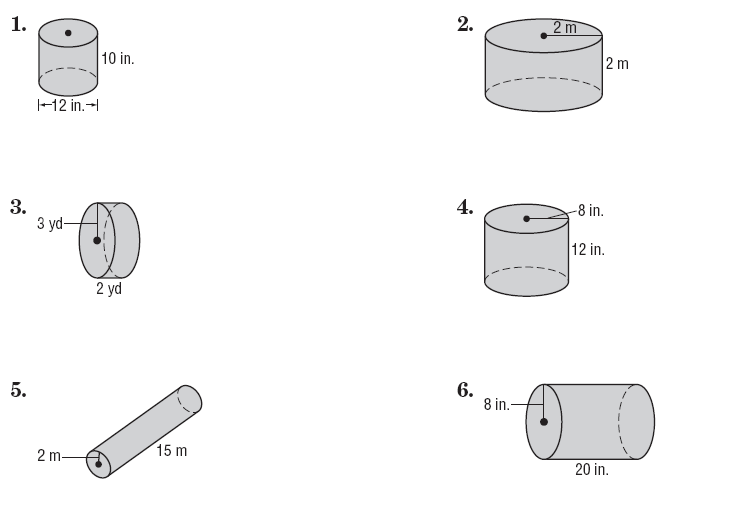
2.

3.

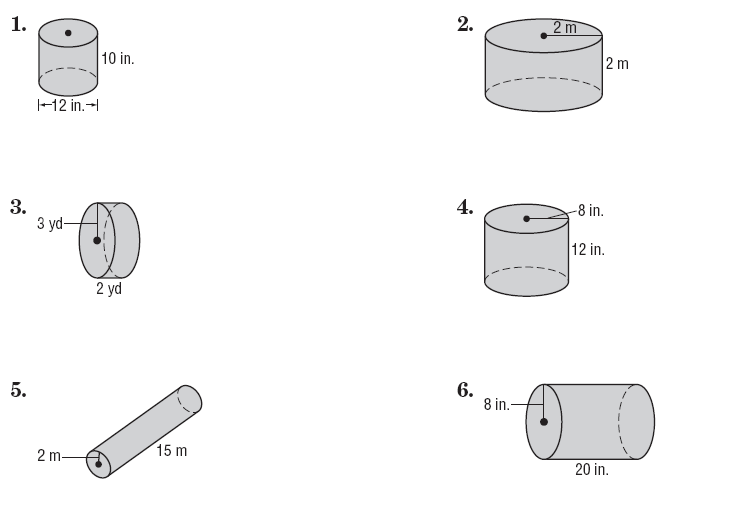


4.

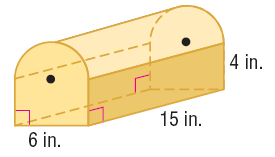
5.



6.



7.



8.