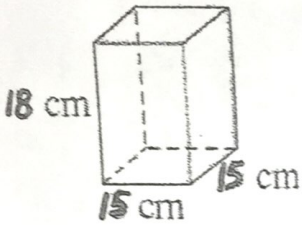
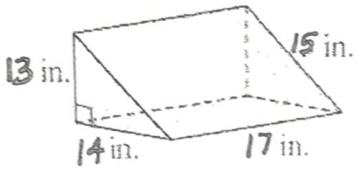

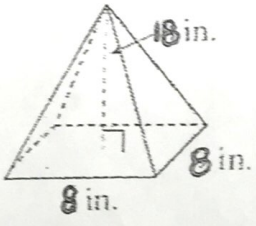
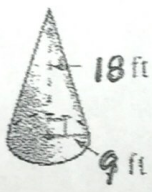
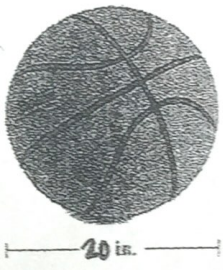
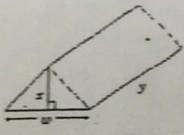
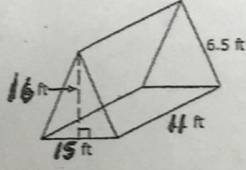
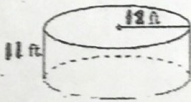


Name: \_\_\_\_\_ Date: \_\_\_\_\_

Study  
Guide

## Surface Area and Volume

Find the Surface Area AND Volume of each Figure:

<p>1.)</p> 	<p>2.)</p> 	<p>3.)</p> 
<p>4.)</p> 	<p>5.)</p> 	<p>6.)</p> 
<p>7.)</p> <p>22. A candy box is in the shape of a triangular prism. It has dimensions of <math>w = 6</math> cm, <math>x = 4</math> cm, and <math>y = 18</math> cm.</p> 	<p>8.)</p> <p>What is the volume of this triangular right prism?</p> 	<p>9.)</p> <p>3. A cylinder has a height of 11 foot and a radius of 12 feet.</p> 

10. The walls in a room are being painted. Four cans of paint will cover  $480 \text{ ft}^2$ . How many cans will be needed to cover  $840 \text{ ft}^2$ ?

- A 8 cans
- B 7 cans
- C 5 cans
- D 3 cans