

Geometry

Unit Three: LA & SA Introduction (HW15)

Name: _____

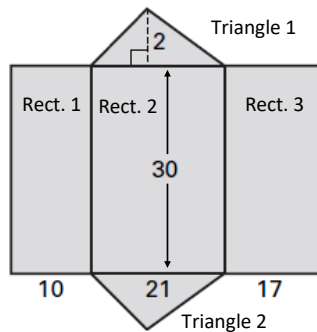
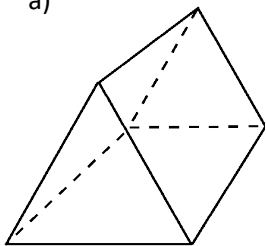
Date: _____ Period: _____

Below you will see two geometry solids – a prism and a pyramid. Next to these solids is a **net** of each polyhedron, which is just a 2-D drawing of the solid as if it has been “unfolded.”

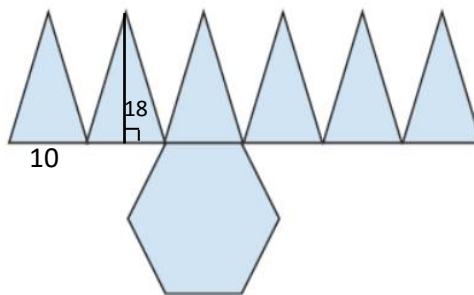
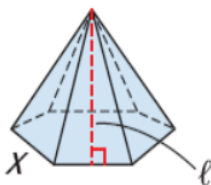
The **Lateral Area** of a solid is the total area of all of the lateral faces (all sides except for the base or bases).

The **Surface Area** of a solid is the total area of **ALL** of the faces including the bases.

a)



b)



1. For each solid figure above, label the corresponding dimensions on the prism and pyramid using the information provided on the net.

2. Are there any faces of the solids that are congruent?

3. Find the area of each polygon that makes up the net of the solid.

<p>a) Prism</p> <p>Rectangle 1 =</p> <p>Rectangle 2 =</p> <p>Rectangle 3 =</p> <p>Triangle 1 =</p> <p>Triangle 2 =</p> <p>LA =</p> <p>SA =</p>	<p>b) Pyramid</p> <p>Hexagon =</p> <p>Triangles =</p> <p>LA =</p> <p>SA =</p>
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