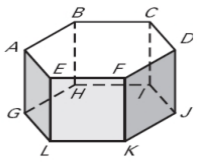
Worksheet Surface Area of Prisms

Name _____

Period _____

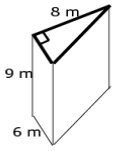
Use the diagram at the right.

1. Give the mathematical name of the solid.
2. What kind of figure is each base?
3. What kind of figure is each lateral face?
4. How many lateral faces does the solid have?
5. Name three lateral edges?

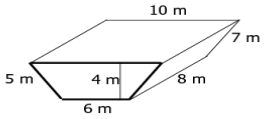


Find the Surface area (SA) of each **right** prism, and name the prism.

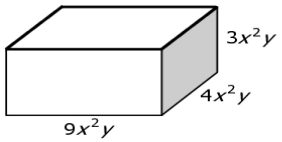
6. Name _____ SA = _____



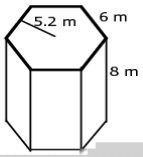
7. Name _____ SA = _____



8. Name _____ SA = _____



9. Name _____ SA = _____



___ prism.

ase. These prisms are called **RIGHT** prisms.

BLIQUE prism, but we will NOT be studying

vith the number of sides of the base?

faces.

l the lateral area.

- In this course, the one base will be directly above the other b
- If one base is not direct above the other base, it is called an **O** these types.

2. How does the number of lateral faces for a prism compare

3. What type of polygons are the lateral faces?

Lateral surface area (LA): the sum of the areas of the latera

Total surface area (TA): the sum of the areas of the bases an

4. Find the LA and TA of the triangular prism shown: