

MathO'Lantern Project

Name _____

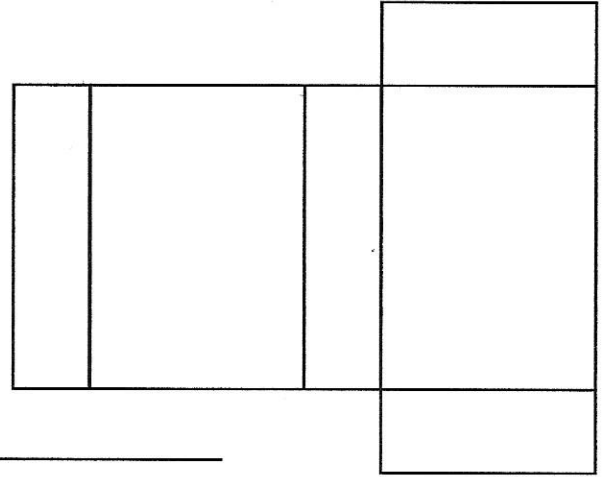
1. Trace your prism to create the net. Using centimeters, measure the dimensions of your cereal box. How many different measurements will you have? _____

Record the measurements on your net, as well as this net:

Length: _____

Width: _____

Height: _____



2. What is your surface area? _____

3. EXPLAIN how you computed surface area.

4. Try to create a formula for finding surface area of any rectangular prism: _____

5. How many of each shape are congruent on your prism (cereal box)? _____

Create Your Math'o'Lantern Face...

Please use at least one cube and one pyramid. All facial features must be 3D.

6. Record the side length of your cube: _____

7. What is the surface area of the cube? _____

8. How did you compute the surface area of the cube? _____

9. Record the base and height of the triangular face of the pyramid: Base _____ Height _____

10. If your pyramid has a square for its base, record the side length: _____

11. What is the area of the triangle? _____

12. What is the area of the square? _____

13. What is the surface area of the pyramid? _____

14. How did you compute the surface area of the pyramid? _____

15. Write the names of all the other figures you used on your Math'o'Lantern: _____
