Polyhedron Pet Project

Rules:

▼No more than 3 students per group.

▼Your Polyhedron Pet must have at least 6, but no more than 10 solids.

▼Your Pet must have at least one **cylinder**, one **rectangular prism**, and one **cube**.

▼Bonus points will be given if your pet has a cone, triangular prism, or any pyramid.

Group members:

_____

_____

_____

Tasks:

1. Make a sketch of your pet in the space below. Number the solids in your pet.
2. Gather the materials you will need to create your pet.
3. Construct your pet.
4. Predict the total volume of your pet. Tell in writing how you got this prediction.
5. Find the actual volume of your pet. Write how you did this. Round your volumes to the nearest cubic centimeter.

Pet Sketch

We predict the volume of our pet to be _____ cubic centimeters. We found our prediction by: _____

_____

_____

_____

_____

_____

_____

_____

_____

_____

Volume calculations:

Number	Name of Solid	Dimensions	Volume

Total volume _____