



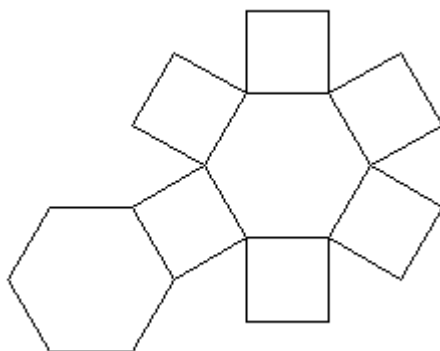
Geometry & Measurement Student Activity

Space Geometry 1

This worksheet reviews material in the space geometry portion of the math program. An answer key is upside down at the end of the document.

1. What term describes the flat surface of any polyhedron? _____
2. Explain how a cone is both similar and distinct (different) from a pyramid.

3. When constructed, what will this net become?



4. The centre point of this solid is the same distance from every surface.
What kind of solid is it?
5. What is the key difference between a prism and a pyramid?

6. A sphere is not a polyhedron. Why?

1. face
2. a cone comes to a single point or vertex similar to any pyramid. Unlike a pyramid though, it has an unlimited number of edges coming up from its base.
3. a pentagonal prism
4. a sphere
5. a prism has a congruent base and top with the vertices corresponding to each other. A pyramid has all vertices in the base meeting at a single point.
6. a polyhedron must be made of plane (flat surfaces)