

# Polyhedron Mobile

1. Color and cut out each net
2. Construct each polyhedron from the net
3. Create a mobile using the polyhedron
4. For each polyhedron answer the following questions:
  - a. What is the name?
  - b. How many faces does the polyhedron have?
  - c. What polygon(s) make up the faces of the polyhedron?
  - d. How many edges does the polyhedron have?
5. The more faces a polyhedron has, what shape does it resemble? Why do you believe this?

I will grade you on the following criteria:

- ❖ Polyhedron are constructed correctly
- ❖ Description of each polyhedron is correct
- ❖ Explanation of shape resemblance given

	5	4	3	2	1	0	Total
Construction	All 6 constructed correctly	4-5 are constructed correctly	3 are constructed correctly	1-2 are constructed correctly	Attempt made but none constructed correctly		_____ x2
Description		Correct explanations	Minor errors in explanations	Major errors in explanations	Little attempt made	No attempt made	_____ x3
Explanation of Shape Resemblance				Shape and explanation given	Shape given but no explanation	No shape or explanation given	_____ x2