



A

Pinwheel Pattern Directions:

1. Cut along LINE SEGMENT AB
2. Cut **each** DIAGONAL LINE SEGMENT from the VERTEX of **each** SIDE ANGLE to the POINT marked
3. Mark the center POINT where the DIAGONAL LINE SEGMENTS cross with a pencil
4. Fold over every other VERTEX to meet at the center POINT. As you fold the VERTICES inward, stick the pin through each
5. Stick the pin through the center POINT
6. Stick the pin through the straw and bend the end over with pliers

B

Give It a Whirl

Geometric Word Part Meanings

Polyhedron

Poly – many, several, much

Hedron - from the Greek word meaning seat

Polyhedron – a three dimensional solid whose faces are polygons joined at their edges

Tetrahedron

Tetra – four; having four

Hedron – from the Greek word meaning seat

Octahedron

Octa – having eight units

Hedron – from the Greek word meaning seat

Dodecahedron

Dodeca – from the Greek, dyo 2 + deca 10

Hedron – from the Greek word meaning seat

Icosahedron

Icosa – from the Greek word meaning 20

Hedron – from the Greek word meaning seat

Polygon

Poly – many, several, much

Gon – from the Greek word meaning angle

Polygon – A closed two-dimensional figure formed by three or more line segments