$C_{60}$

Cut along the dashed lines indicated by arrows to cut out the gray hexagons. Next, cut around the perimeter of the pattern. Glue or tape the two hexagons on both sides of a cut line (dashed) on top of each other, forming a pentagon hole surrounded by 5 paper hexagons. Continue overlapping the hexagons until you have formed a spherical shape with 20 hexagons and 12 pentagons. In a $C_{60}$ molecule, there is a carbon atom at the line intersections, and each line represents a bond between the carbon atoms.