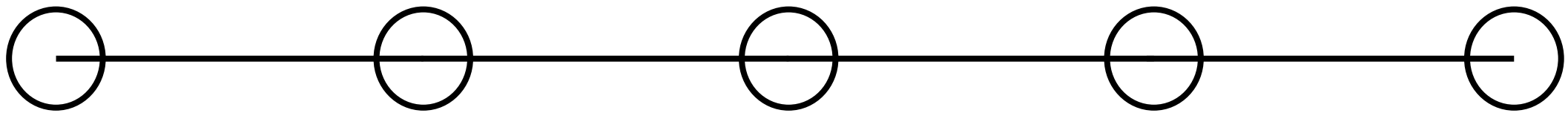
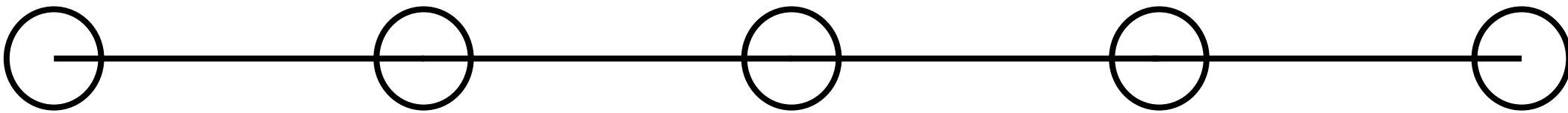
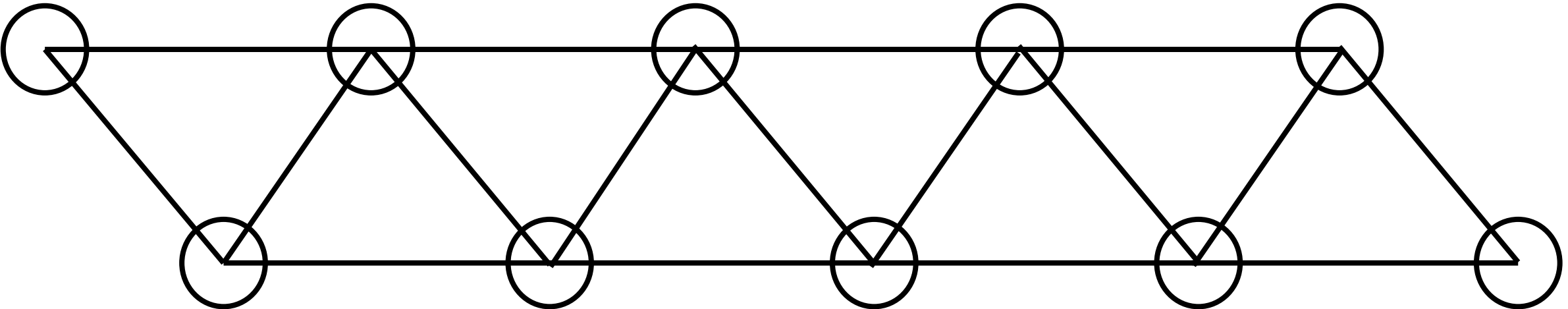


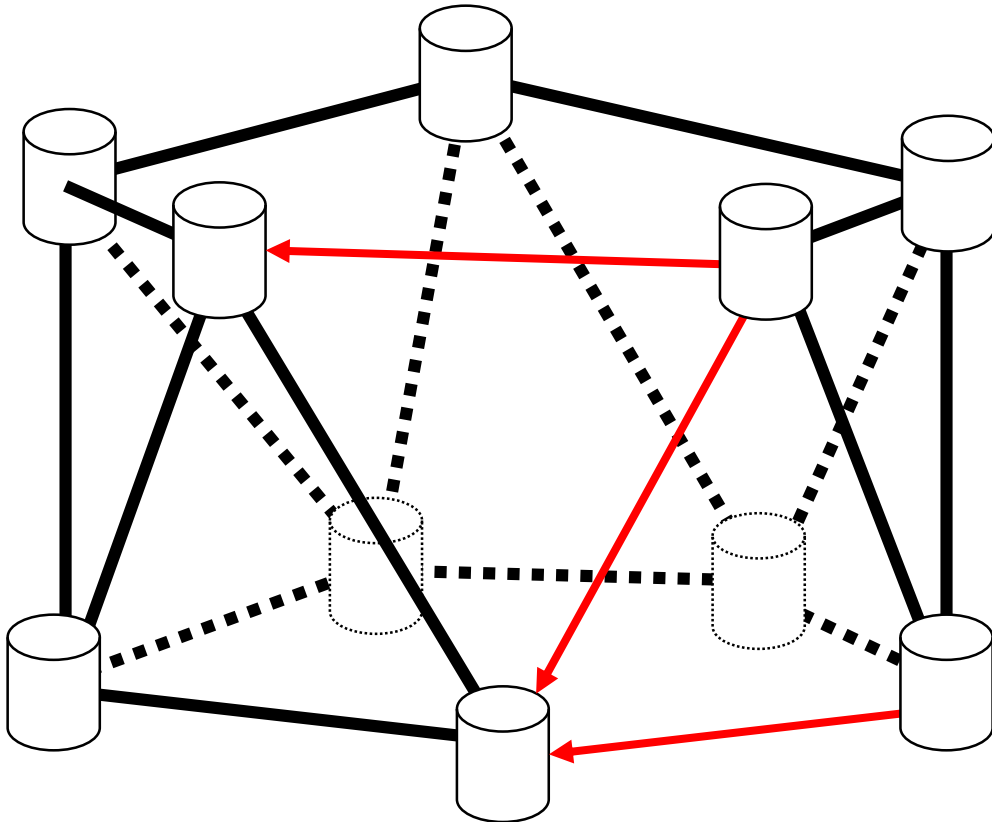
Step One: Set up two lines of 4 toothpicks each, connected by marshmallows (use dyed toothpicks or marshmallows to do a host range game at the end)



Step Two: Connect the lines with toothpicks in a zigzag to make triangles

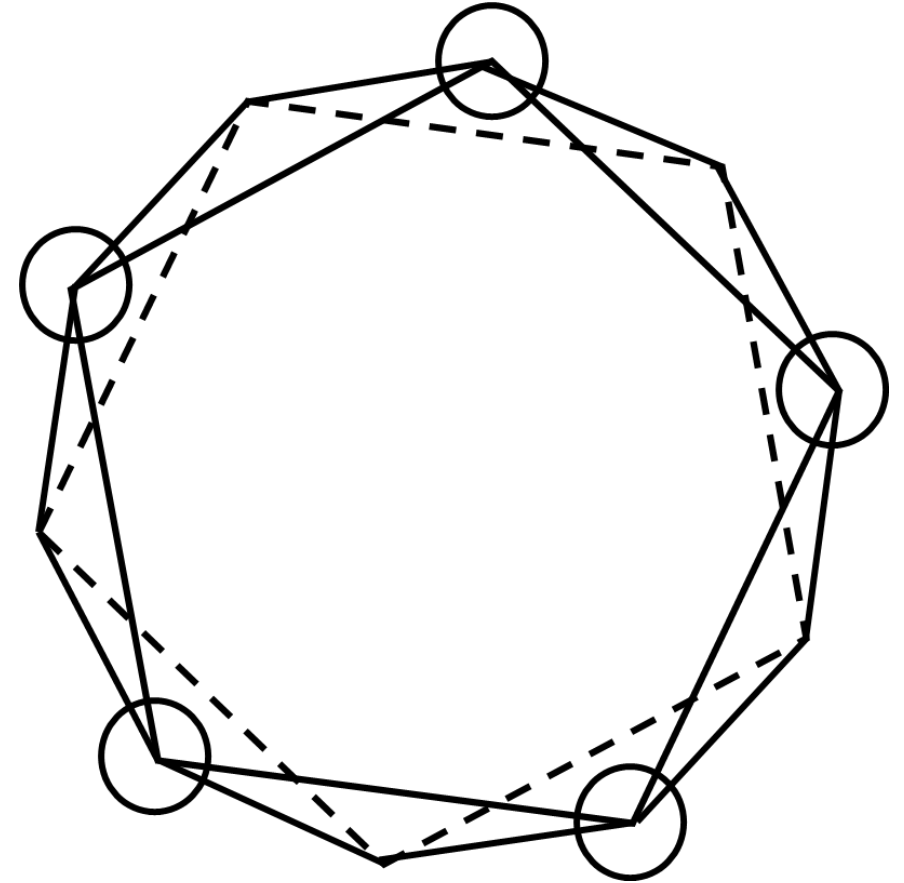


Step Three: Wrap the strip around so that there's a pentagon at the top and the bottom, and use toothpicks to complete each pentagon and the last triangle.



Side View

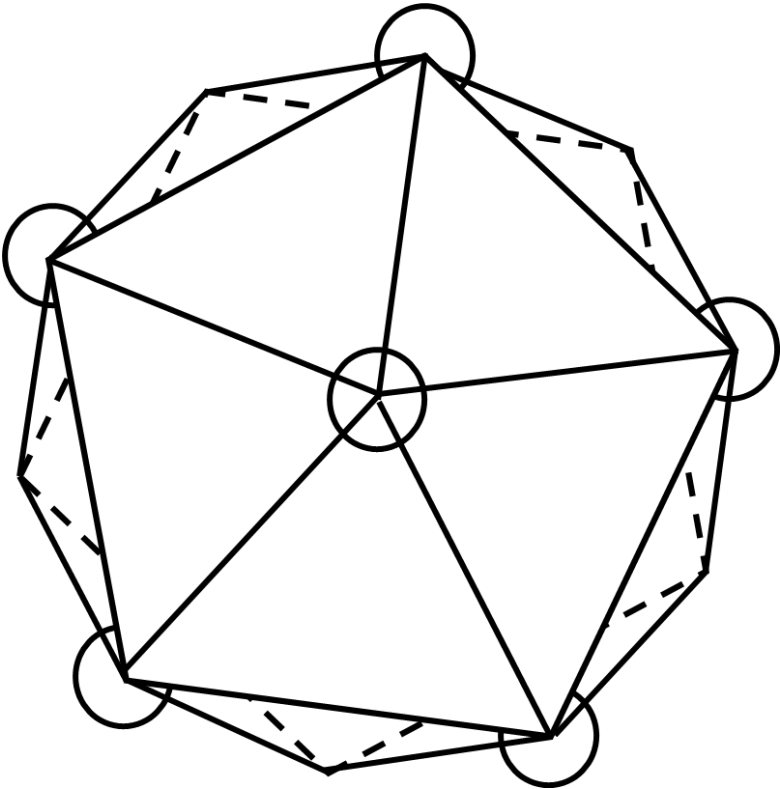
(the arrows are toothpicks to add this step)



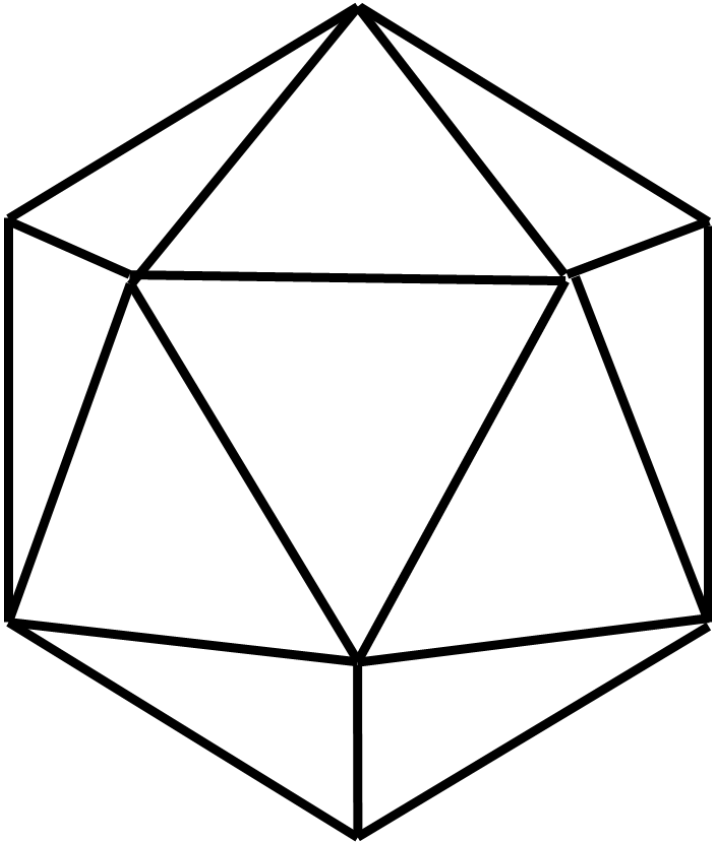
Top View when connected

(not showing all marshmallows)

Step Four: Connect a new marshmallow in the center of the top pentagon to each of the 5 points making up each of the pentagons. Rotate and repeat with the open pentagon on the bottom

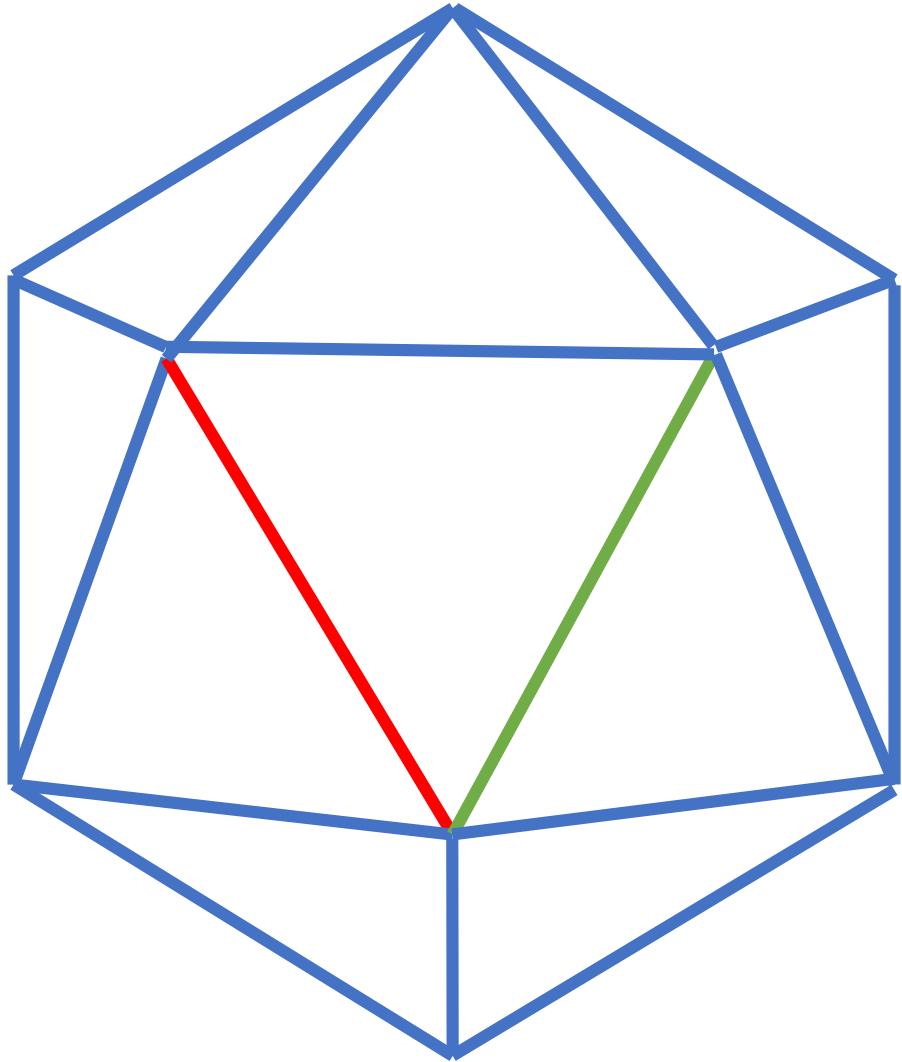


Top View
(not all marshmallows shown)



Side View
(marshmallows not shown)

Step Five: Rotate your finished virus and look at the different triangles that make up its shell. How many different color triangles did you make? In the example below, we used all blue toothpicks, except 1 red and 1 yellow.



Last Step: Take your virus to the Host Range Game. Pick one triangle from your virus. Do any of the hosts match your virus? In the example below, our virus matches the crab but not the seal.

