Exercise 4: Thinking Outside the Glass (Logical Thinking)

Part (a): Use 4 toothpicks and a Hershey’s kiss to make the following picture of a cocktail glass with an olive in it:

Problem: Move only two of the toothpicks to change the picture to a glass (the same shaped glass) with the olive outside the glass.

Part (b): Now create an equilateral triangle using three toothpicks:

Problem: Add three more equilateral triangles of the same size as the original using only three more toothpicks.