1) Draw a Venn Diagram to illustrate the following situation: (3 points)
   “If you play League of Legends, then you use a computer.”

2) Determine whether or not the argument below is valid. (3 points)
   “If you play League of Legends, then you use a computer. Alice uses a computer. Therefore Alice plays League of Legends.”

3) Write the following statement in formal mathematical notation, then determine its truth value. (2+2 points)
   “There is a real number $x$ such that $3^2 + x^2 = 5^5$.”