Problem Solving Process
(Miss Kelly's Version)

Problem Finding ⟹ **Solution Finding** ⟹ **Solution Using**
(Find it.)   *(Solve it.)*   *(Use it or "Sell it".)*

1.   **Get to know the whole situation.** Read about it, hear about it, think about it, study it, ask questions about it, gather data about it, list the "Problem Family", see it from multiple perspectives, etc.

2.   **Choose one problem to solve & describe it well.** Select one great, big, juicy problem to solve and write a short but detailed description of it. This is called your Problem Statement.

3.   Brainstorm many, varied, and unique solutions.

4.   Figure out how you will know what would make a good solution?   (Develop criteria.)

5.   Compare your five best solutions & choose one.
      (Use a Decision Making Matrix or another tool.)

6. **Use It:** Use your solution and solve the problem. If you're not there in person, imagine using your solution and write a detailed description about how your solution "worked".
OR
Describe & Convince: If you're not actually in the situation, you will need to create a product which offers a detailed description of your final solution in a way that will convince others to agree that your solution is the best option. (written description, letter, blueprint, model, etc.)