

# Project Justification

After you complete the graphic organizer below, use this project justification document to explain how you used computational thinking in your project.

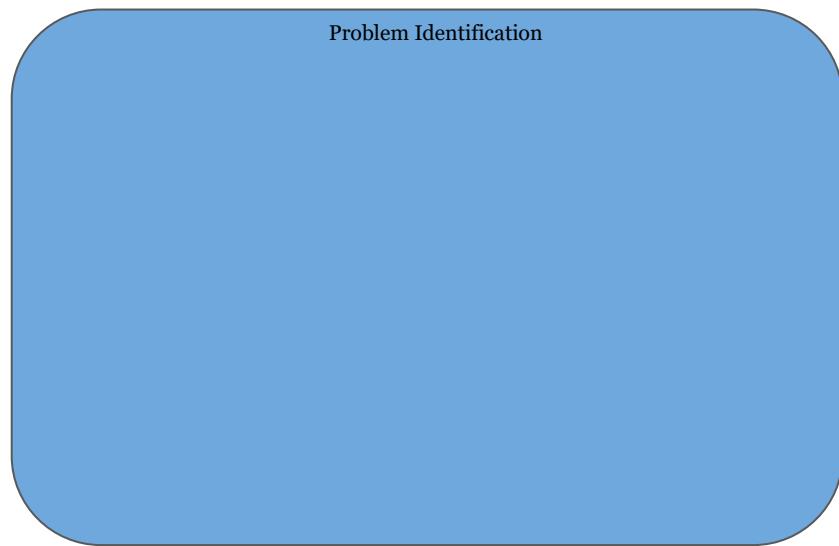
**Problem Identification.** For each iteration of your problem, please explain how you arrived at your identified problem.

**Decomposition.** For each iteration where you decomposed an identified problem, please explain how this decomposition helped you solve your identified problem.

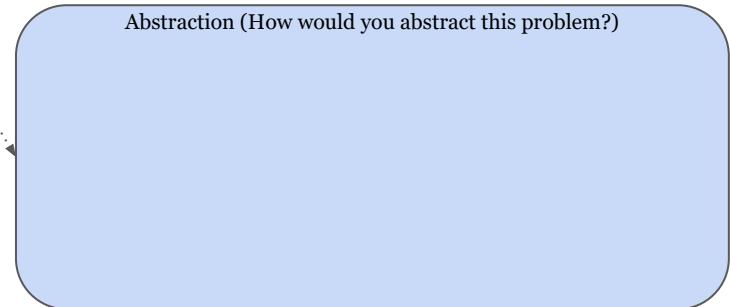
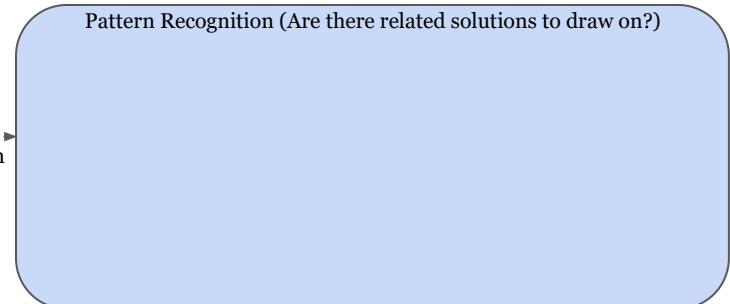
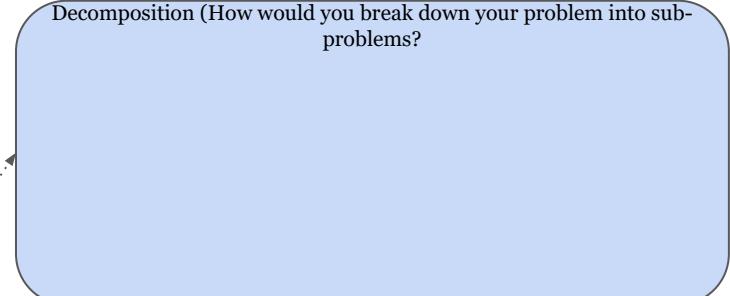
**Pattern Recognition.** For each iteration where you recognized patterns in data, please explain how these patterns helped you solve your identified problem.

**Abstraction.** For each iteration where you abstracted information, please explain how abstraction allowed you to solve your identified problem.

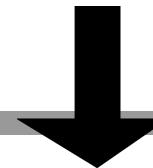
# Iteration 1



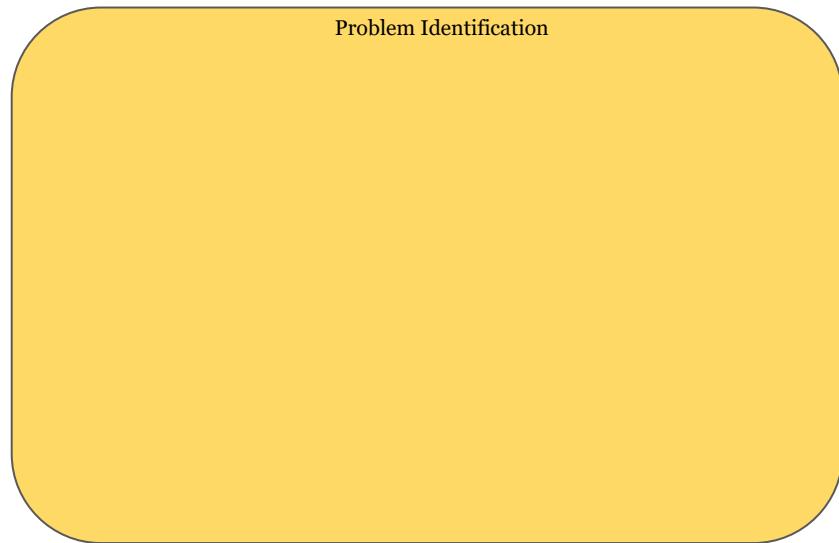
To set up your identified problem



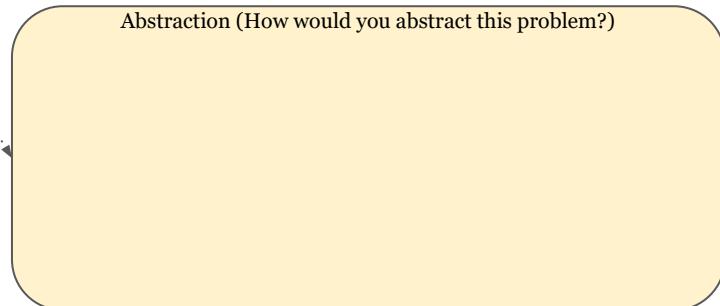
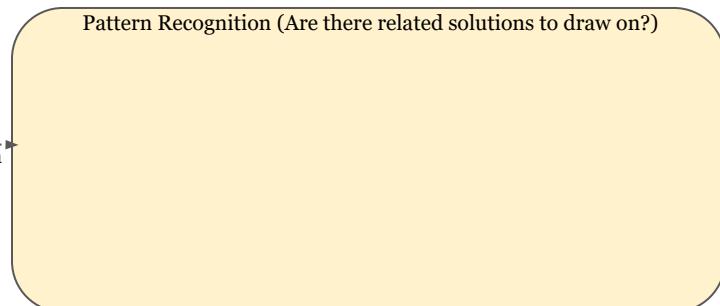
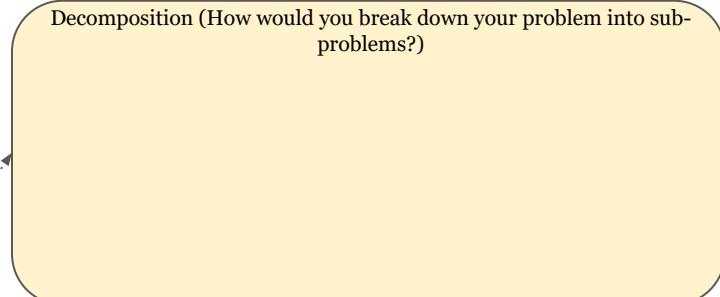
Graphic Organizer



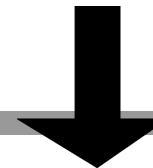
# Iteration 2



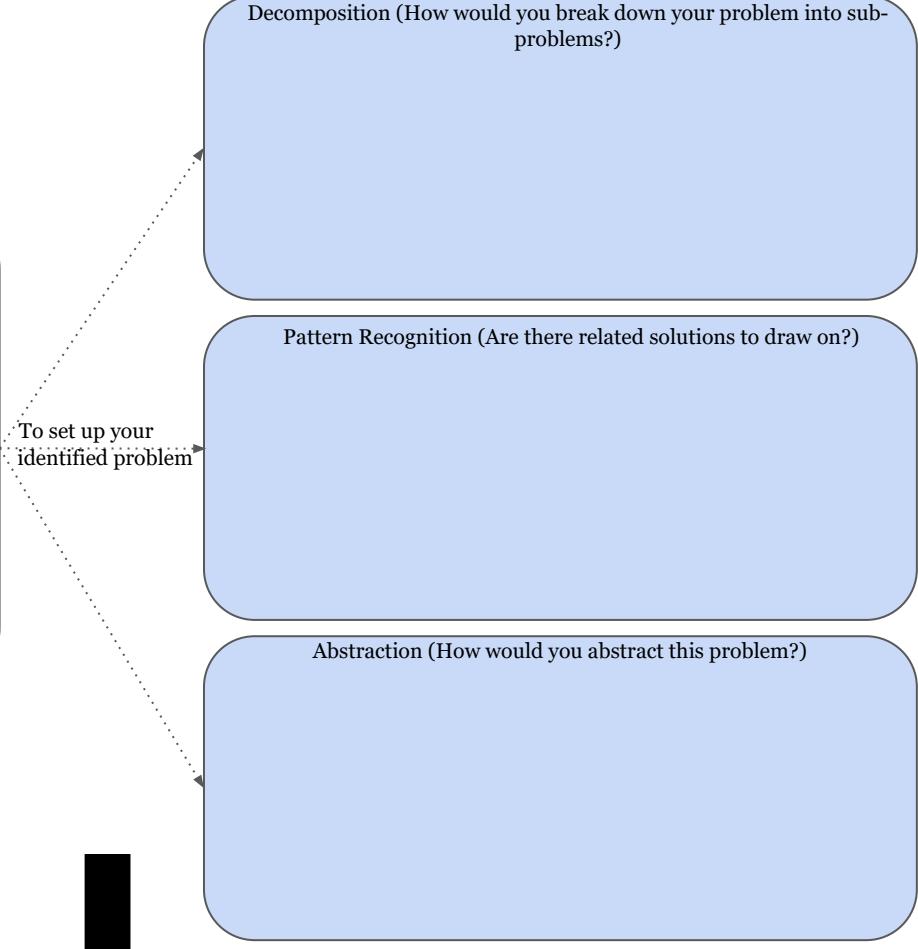
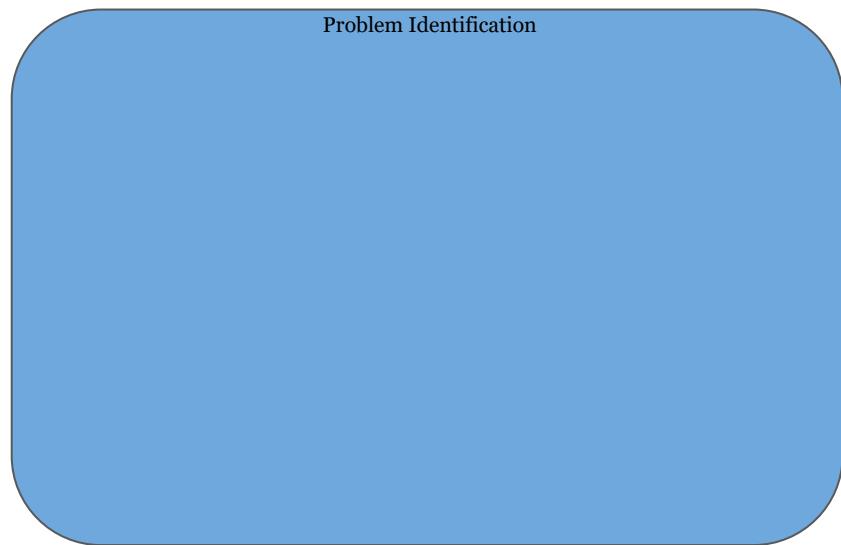
To set up your identified problem



Graphic Organizer



# Iteration 3

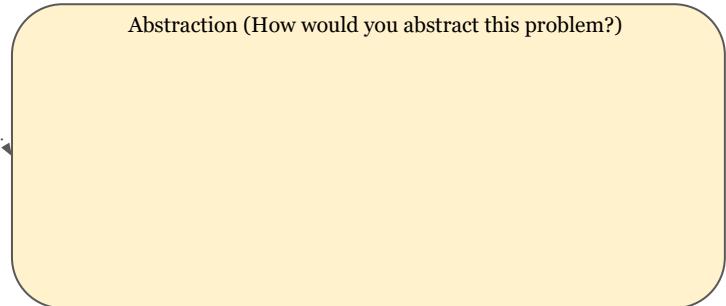
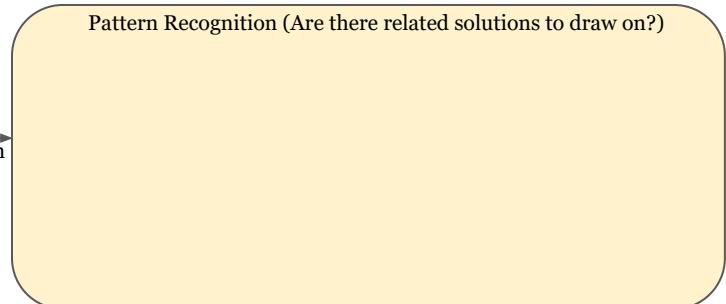
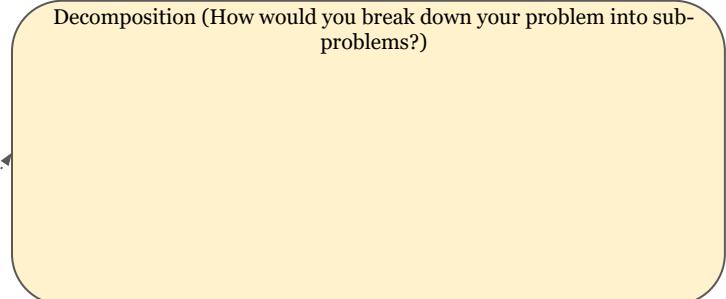


## Graphic Organizer

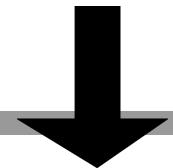
# Iteration 4



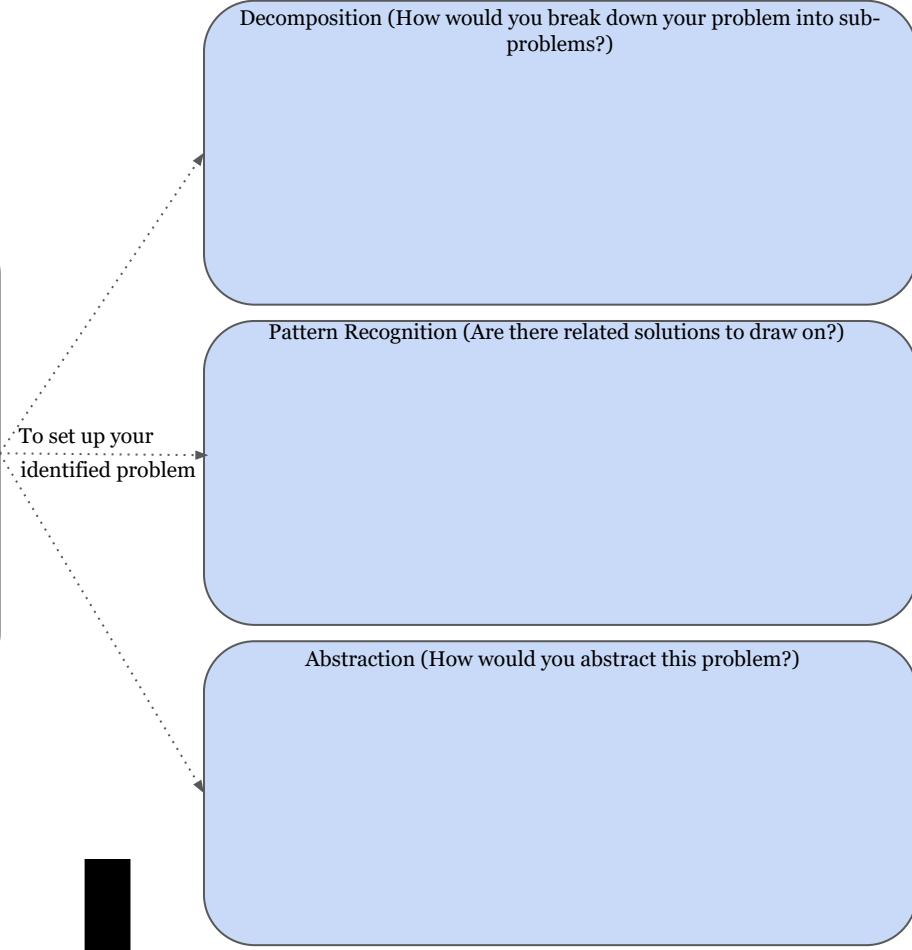
To set up your identified problem



Graphic Organizer

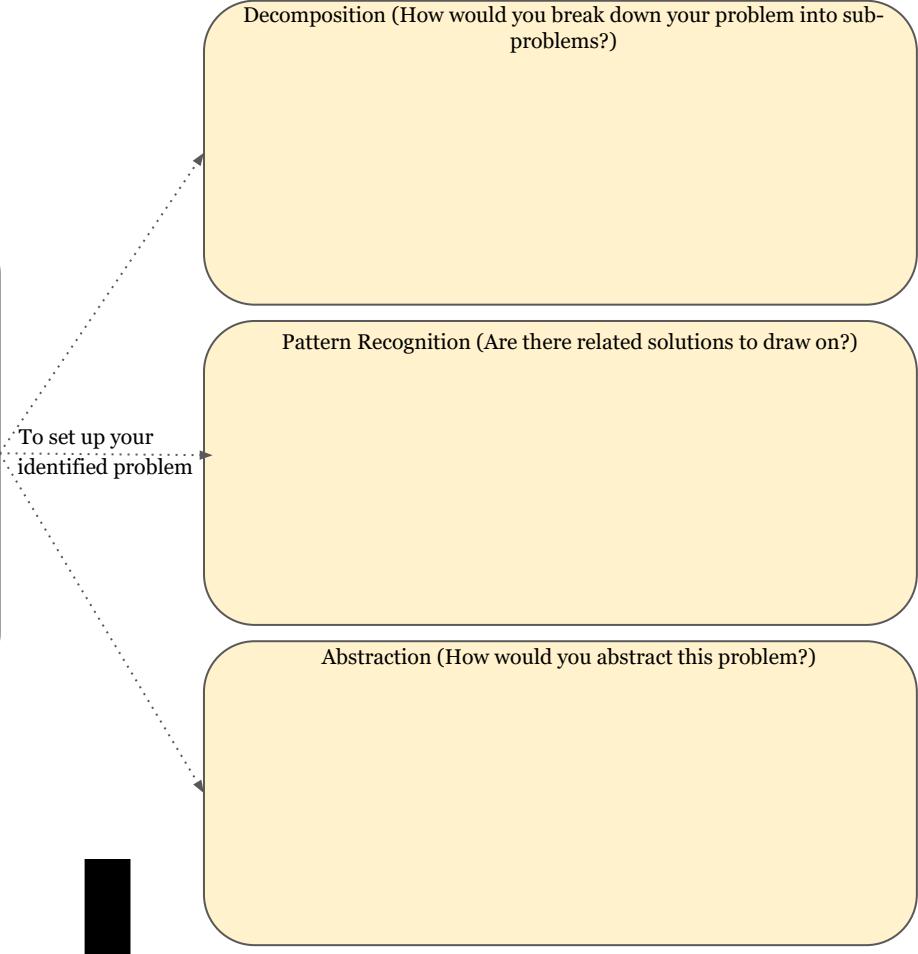
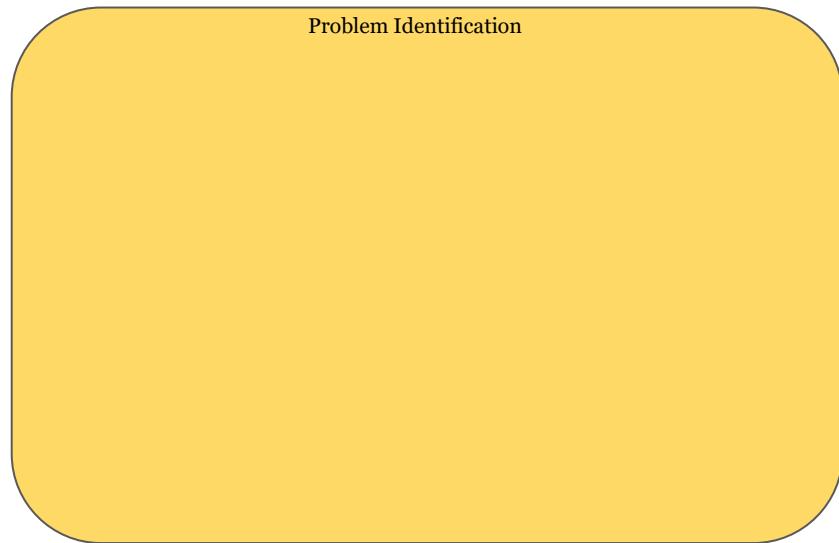


# Iteration 5

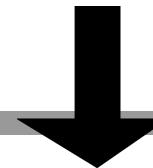


## Graphic Organizer

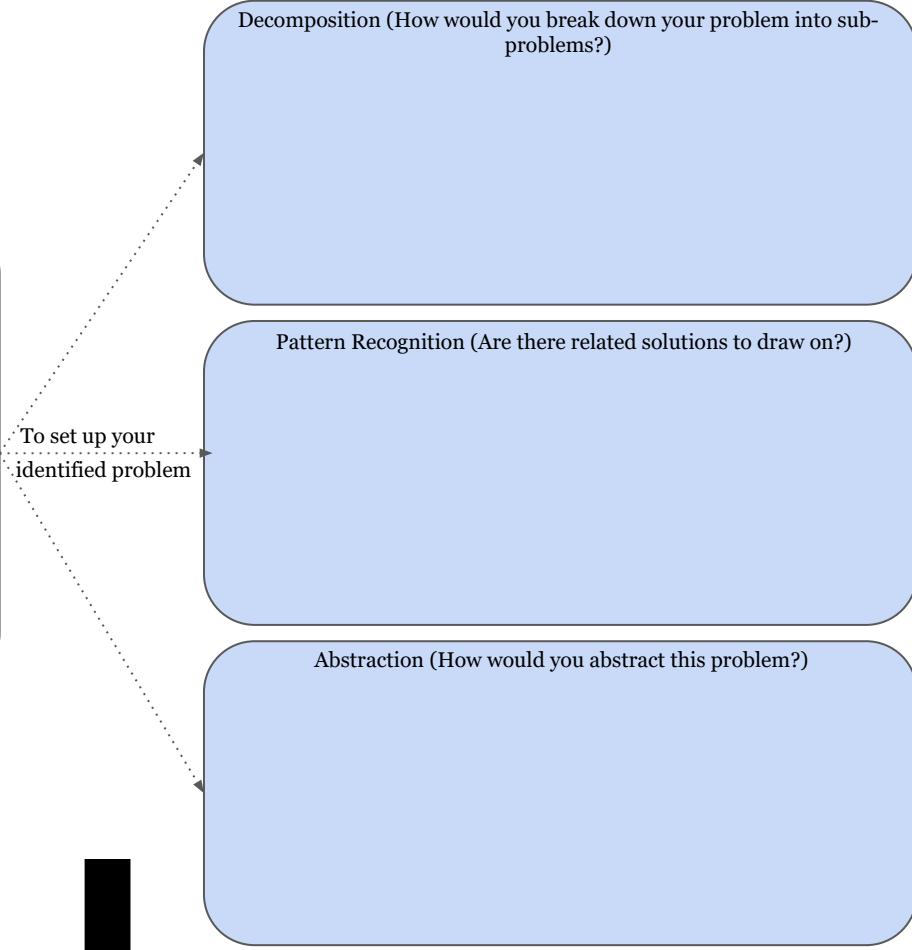
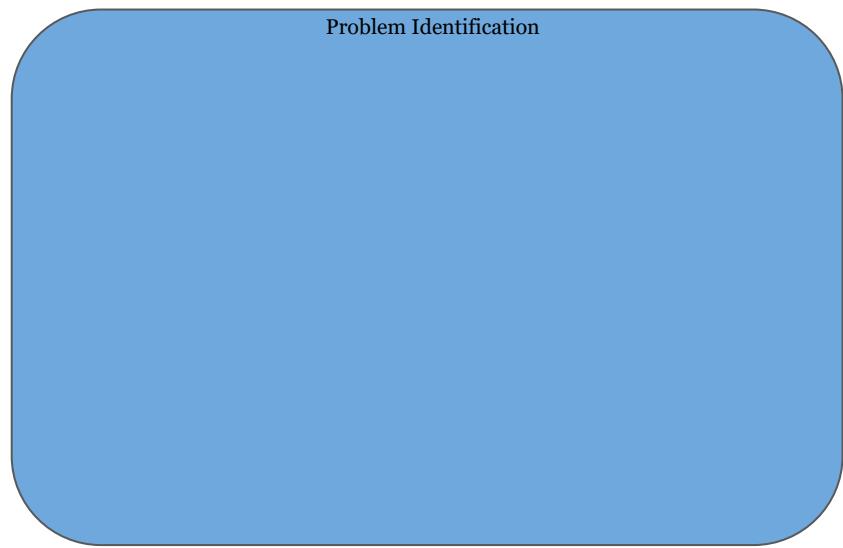
# Iteration 6



## Graphic Organizer

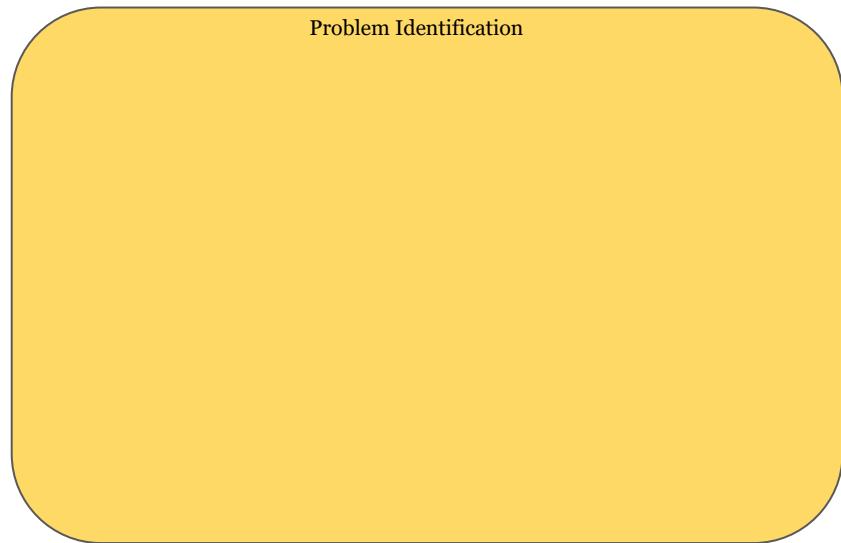


# Iteration 7

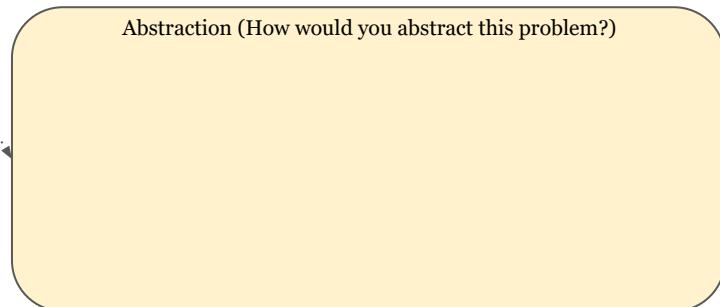
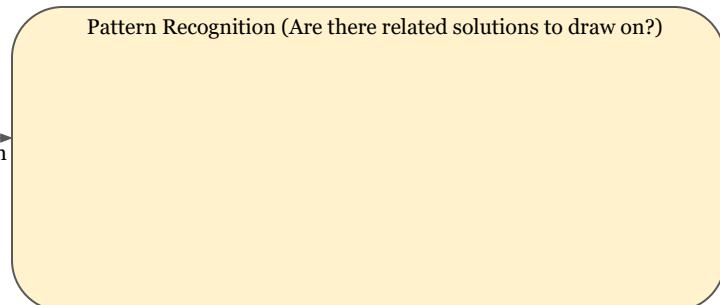
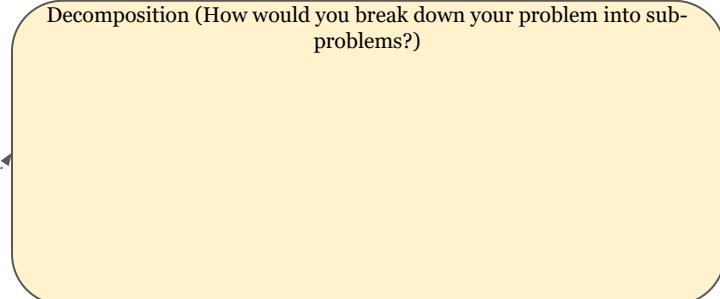


## Graphic Organizer

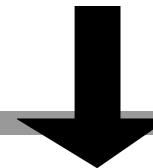
# Iteration 8



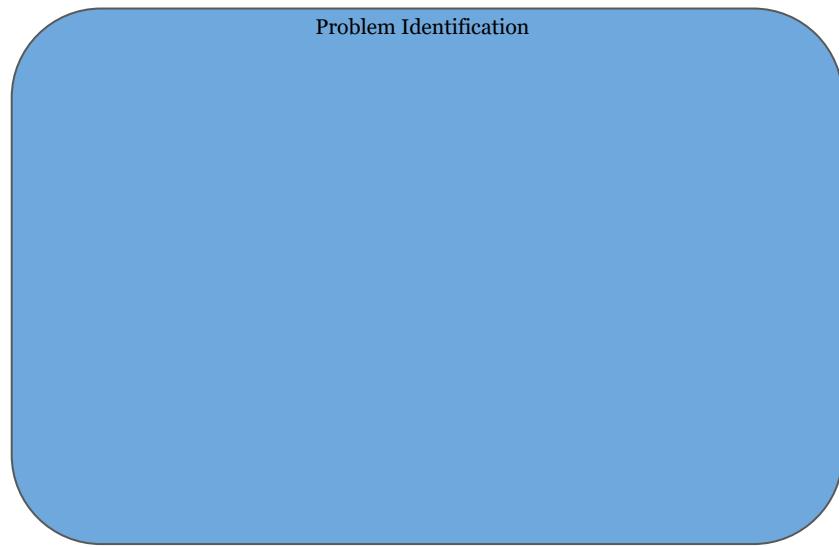
To set up your  
identified problem



Graphic Organizer

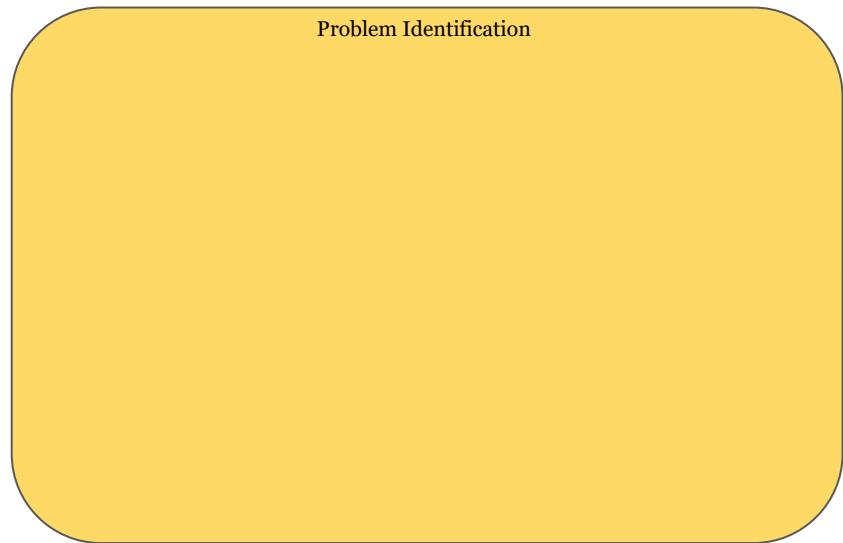


# Iteration 9

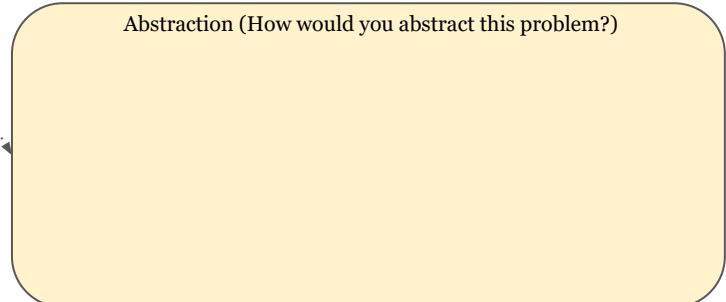
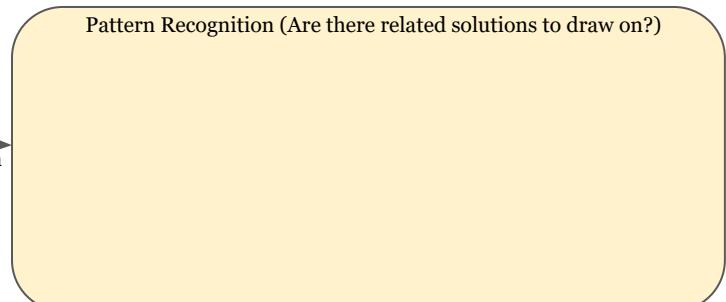
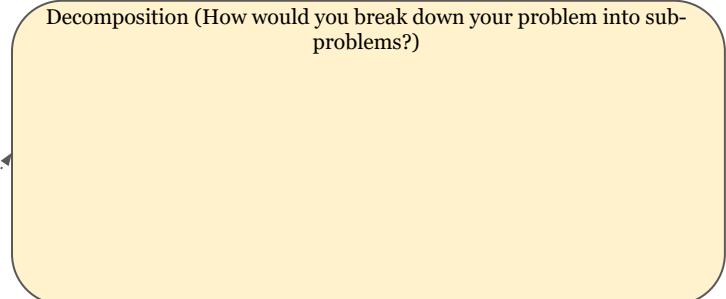


## Graphic Organizer

# Iteration 10



To set up your  
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## Graphic Organizer