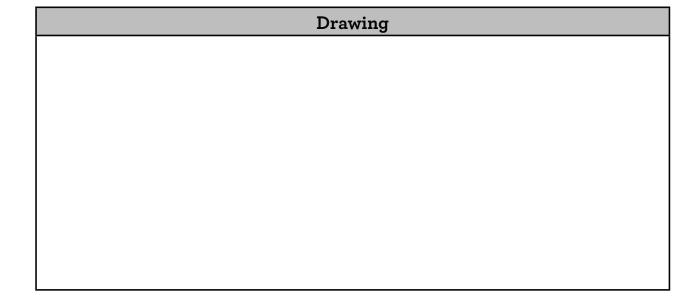
Directions: Answer the questions below.

Problem:

Kids whose houses do not have electronic keypad entry must carry a key to get into their house after school. Somtimes they lose this key and can't get into their house.

- 1. What is the problem you are trying to solve?
- 2. Write your task in the form of a question. In other words, what question are you trying to answer? (Hint: It will probably start out as, "How can we design ...")
- 3. What are the constraints your team faces for the task?
- 4. What has already been done to try to solve it?
- 5. Use the space below to create a sketch of your plan. Include as much detail as possible. Use drawing or sketching paper if needed to give yourself more room.



	Final Plan Drawing
7. W	hat improvements would you make so that your idea could work even better?