

## Robot Design Planner

Think of a problem that could be solved by a robot:

Make 2 sketches of different design solutions to your problem. Then list the variables:

Fixed Variables	Variables

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**Make a pros and cons list for each sketch and decide which robot you think will be most successful:**

Robot 1 Pros	Robot 1 Cons	Robot 2 Pros	Robot 2 Cons

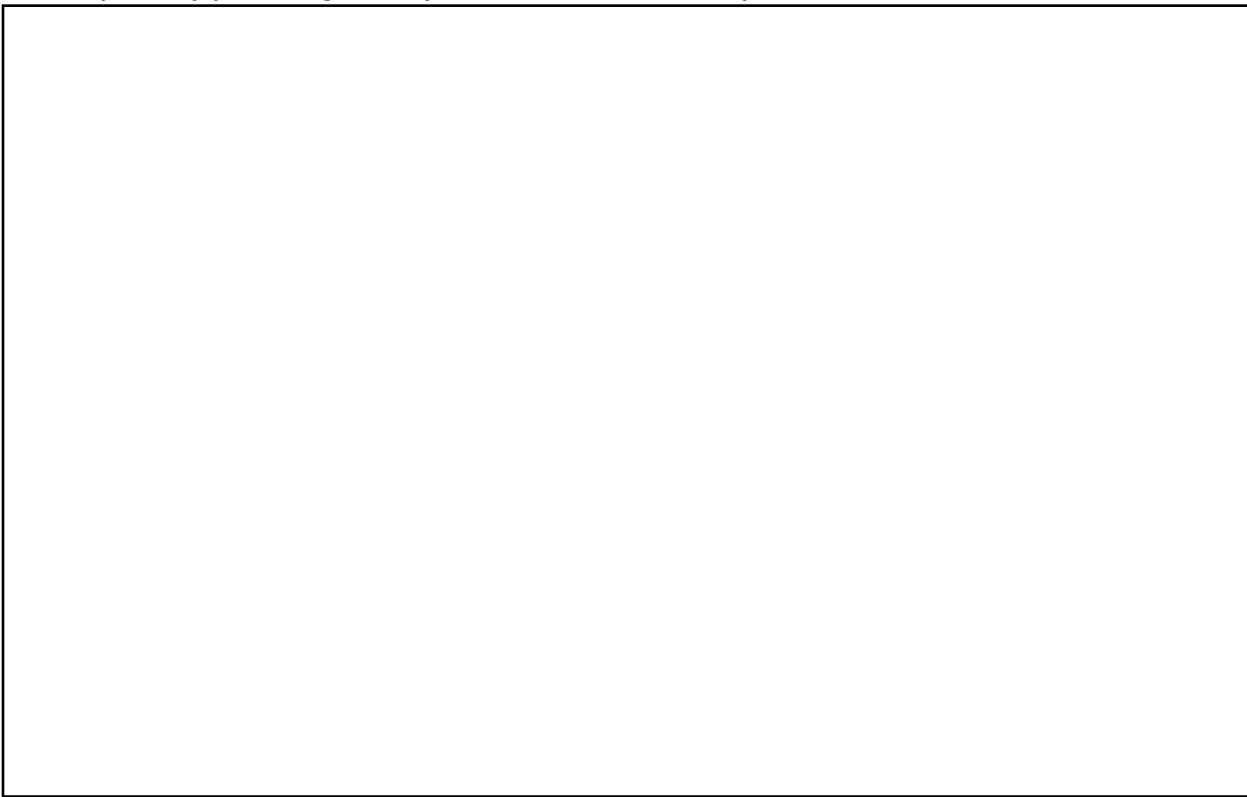
**Selected robot:** \_\_\_\_\_

**List the *Mechanical Elements* your robot needs to function:**

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**List the materials you will need to build your robot (*BONUS* for recyclable materials):**

**Make a piece-by-piece diagram of your robot and label each part. Include the size/dimension of each.**



**Make a final product diagram of your robot and label each part.**

