



## Engineering Design - Developing Possible Solutions

Now it's time to brainstorm! You will use the same process you may have used to come up with a problem to investigate. Each member of your team should have a copy of this sheet. First, you will each write out two solutions (one next to each #1 light bulb). Then, you will each pass the sheet to another member of your group. Now you will write a new solution next to light bulb #2. This new solution should be inspired by what the other person wrote on line #1. You will do this one final time and everyone will write a new solution on line #3.

When you are done with this sheet you should have 18-24 possible solutions to your problem (based on if you have 3 or 4 team members). Your team will analyze these solutions to determine which is the best to pursue.

### Idea Building Exercise:



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