



Think About It! The Weakest Link

Team Members: _____

1. How will you use the materials provided to make a strong chain? Explain how you'll use each of the materials in your junk box!
2. Draw a sketch of your chain. Label at least three things you will do to make a strong chain.
3. Where will you place the weights? You will have 5 weights – 1 is the lightest and 5 is the heaviest. Label your diagram in #2 to show where you'll hang the weights.
4. How will design the ends of the chain so it will be easy to hold on to during testing?



The Weakest Link

Mass of Chain = _____ g

Length of Chain = _____ cm (1 cm = 1 point)

Weights

#1 - 40 points #4 - 160 points
#2 - 80 points #5 - 200 points
#3 - 120 points

Final Score

Length _____

Weight Points _____

Total Points _____