

Prosthetic Leg Proposal Sheet

NAME: _____

Write one paragraph describing your prosthetic leg design. Be sure to explain each part of your leg (for example, describe the leg structure, cushioning system, stabilizing, attachment, etc...). The more detailed information you can provide in this section the better!

What are the pros of your design? Why do you think your design will be a great prosthetic leg design? Write on full paragraph to answer the question.

What are the cons of your design? What will be some of the biggest challenges of your design? What part of your design will create some difficulties for the user? Write one full paragraph to answer the question.

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COST ANALYSIS: List your materials in the following chart. Identify the quantity of each material. Describe how you will use the material in your design. Estimate cost, and mark if you plan on having the materials purchased for you.

Here are some general costs to help you complete the table:

- 2 inch PVC pipe = \$0.75 per foot Large painter sponge = \$2.00
- 1.5 inch PVC pipe = \$0.50 per foot Plunger (19 inch) = \$6.00
- ½ inch PVC pipe = \$0.35 per foot 24 inch Bungee Cord = \$1.75
- 15 feet of Velcro = \$27.50 10 inch Bungee Cord = \$0.40
- 1 foot of Velcro = \$1.75 2 Roll Pack of Duct Tape = \$8.00
- Single Roll Duct Tape = \$7.75

Material & Quantity	Purpose	Cost	