

Final Budget and Efficiency Worksheet

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| Initial Efficiency: | Final Efficiency: |
| Initial Total Cost: | Final Total Cost: |
| Initial Cost/Degree change ($\$/^{\circ}\text{F}$): | Final Cost/Degree change ($\$/^{\circ}\text{F}$): |
| Initial Cost/ Efficiency ($\\$/\%$): | Final Cost/ Efficiency ($\\$/\%$): |

Would you use your solar water heater as it is designed? Why or why not?

What was the best efficiency of your initial and final tests? How does this compare to the efficiency of a commercial model (you will need to do some research on the internet to find this out)?

Name: _____ Date: _____ Class: _____

Given the same materials in this class how would you further improve you design or what would you do differently?

If you had an unlimited budget and access to any material how would you improve your solar water heater?
