Shapeways Water Boiling Test

* 150 mL initial water temperature : 23.6 - 23.8 degrees celsius
* Bottom of pot is 2 inches above the surface of the burner
* 2 notches on the right burner
* ~1 minute in, noticed discoloration on thermocouple wire and plastic on clamp caught on fire
* Quickly smothered fire, replaced plastic with screws

Second run

* Will dip thermocouple wire in every minute instead of letting it sit over the fire
* Water steaming at around 1 minute 45 seconds in
* Pot slid down in the clamp a little bit
* Bubbles forming at around 2 minutes and 30 seconds

32.8 degrees celsius

https://docs.google.com/spreadsheets/d/1CaB1n3\_i2AqJkPf3dYiYDiUYDhnllm40EmJDrQivSpM/edit#gid=432053774

3/6 NOTES

* After 2-3 trials of each, noticed significant boiling times between trials for the same pot, figured it was because of the imprecision of how far we were turning the burner knob
* Huge differences between the level of heat with tiny turning differences on knob
* Marked part on knob with tape to line up to red mark on burner
* May have to turn knob past the mark a little bit to start the fire -> quickly turn back knob to the marking after fire is set
* Half radial was easily consistent
* Radial was wack idk why

