

Question: unat is AREF unen you have a pin for 3.3V?

- Used for the top of the input range for the analog input.

\* Pump D's based on tank level \* burner operates

Question

Question

What is millis!)

- Persons the # of

-Returns the # of milisecond since the arduno board began running the program

fustion
. Howeve you
reading the level
if input is full?
below's specified
as an input
. Said min 2" but
where you
where you
each of the series of the serie

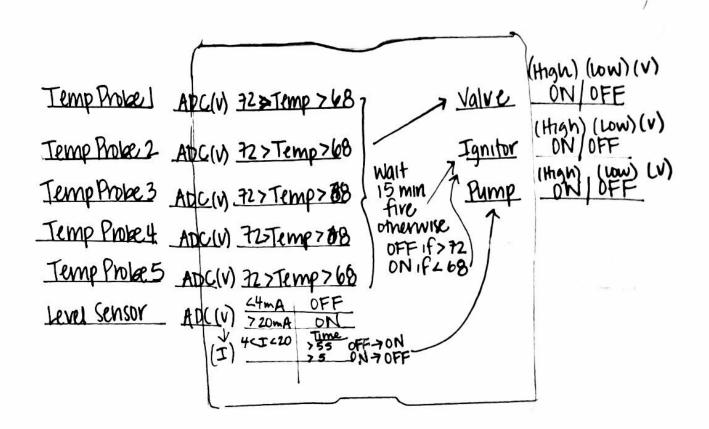
Quistion univert the level sensor voltage to current

question: unat Ignitor Is pin Mode? · Output (High or low) Pin Mode speafics The pin as an output or input Level Sensor Why 1023? · Input (Voltage) \* us reading this value from the pin (0 to 1023) Ardunohasa convent voltage -> current 10-bit Analogto digital convertor Pump it will map voits btw 0 and 5 to DUTPUT (High or low) Int. values botw 0 and 1023 TANAMADOREA MANAGRAGAMADORADA resolution is: 5V/1024 = ,0049 4.9mV Valve why notdivide by 1024? · OUTPUT (High, LOW) These binary Temp Probe (ADC/voltage Reading) poutputs (high To measure temp, measure resistance. Microcontroller or low) have a absent have ability to read resistance it can read voltage to mem voltage. Need to convert the resistance into voltage by adding another resistor in senes (w) increasion to the memistor ADC value = Vix 1023 Vo=R +Vcc ADC Value = R. \* Vac \*1023 = R \*1023 R+10K Vac R+10K

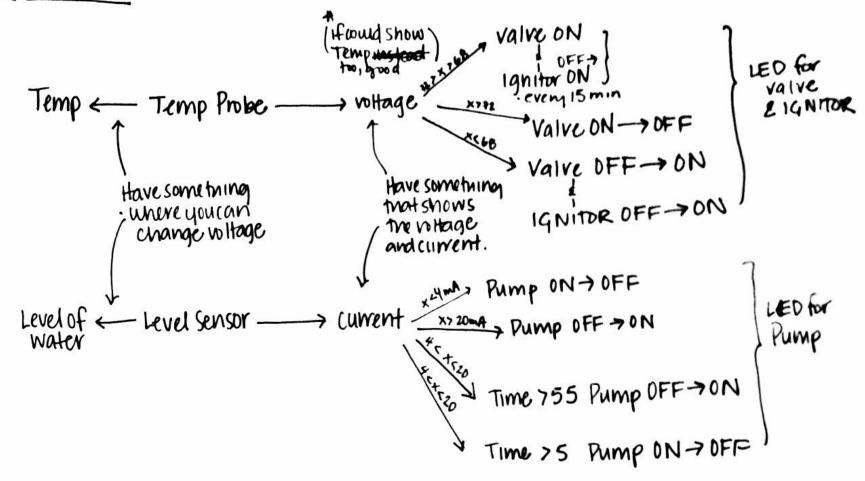
We want the R so IDK

((1023/ADC)-1)

## Flow Diagram



## Testing apparatus



Need: Time component to keep time.