



# Guess My Function

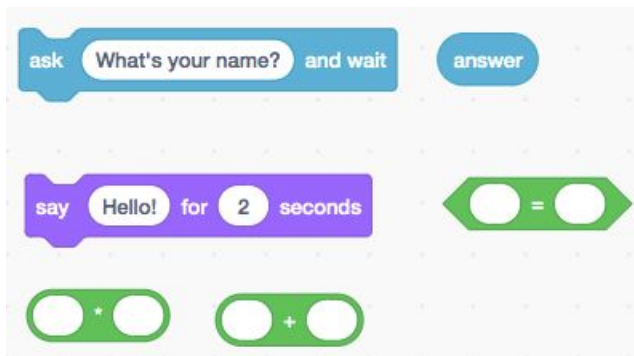
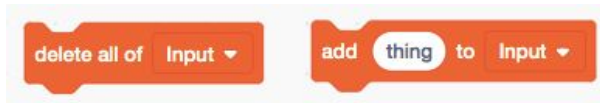
## Project Goal:

Choose a function rule (ex.  $f(x) = 2x + 4$ ). The user will type in an input, the program will give an output value. Given an input/output table, the user will try and guess the function.

## Standard:

8.2.2.1 Represent linear functions with tables, verbal descriptions, symbols, equations and graphs; translate from one representation to another.

## Blocks:



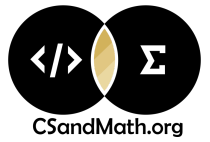
**Student Handout:** [Guess My Function Student Guide](#)

**Teacher Video:** [Guess My Function Teacher Video](#)





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### Solution:

```
when clicked
  delete all of Output
  delete all of Input
  forever
    ask Enter an input: and wait
    add answer to Input
    add 2 * answer + 4 to Output
    ask What is the function? (Do not type spaces into your answer) and wait
    if answer = 2x+4 then
      say You got it! for 6 seconds
      stop all
    else
      say Nice try! for 2 seconds
```

# #CSandMath



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