

Word Problem: distance

Directions : Use the Design Recipe to write a function `distance` , which takes in FOUR inputs: `px` and `py` (the x- and y-coordinate of the Player) and `cx` and `cy` (the x- and y-coordinates of another character). coordinates of two objects and produces the distance between them in pixels.

Contract and Purpose Statement

Every contract has three parts...

;
_____ -> _____
function name *domain* *range*
;

what does the function do?

Examples

Write some examples, then circle and label what changes...

(EXAMPLE (_____) _____)
function name *input(s)* *what the function produces*
(EXAMPLE (_____) _____)
function name *input(s)* *what the function produces*

Definition

Write the definition, giving variable names to all your input values...

(define (_____)
function name *variable(s)*

what the function does with those variable(s)