

Word Problem: distance

Directions: Write a function distance, which takes FOUR inputs:

- *px*: The x-coordinate of the player
- *py*: The y-coordinate of the player
- *cx*: the x-coordinate of another game character
- *cy*: the y-coordinate of another game character

It should return the distance between the two, using the Distance formula. (HINT: look at what you did on the previous page!)

Contract and Purpose Statement

Every contract has three parts ...

; _____ :

_____ →

; _____

Examples

Write some examples of your function in action...

(EXAMPLE (_____)
_____)

(EXAMPLE (_____)
_____)

Definition

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

(define (_____) _____)