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 (_____ _____ **)**

_____ **)**