

Word Problem: distance

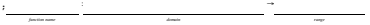
Directions: Write a function `distance`, which takes **FOUR** inputs:

- *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...

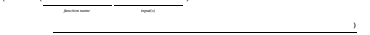


what does the function do?

Examples

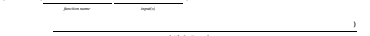
Write some examples, then circle and label what changes...

(EXAMPLE(_____))



what the function produces

(EXAMPLE()

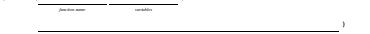


what the function produces

Definition

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

```
(define(                    )
```



what the function does with these variables