

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...

#	:	->
<i>function name</i>	<i>domain</i>	<i>range</i>

what does the function do?

Examples □

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

examples:

function name (input(s)) **is** what the function produces

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

end

Definition □

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

fun function name (variable(s)) :

end *what the function does with those variable(s)*