Word Problem: collide?

Directions: *Write a function collide?, 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 true if the coordinates of the player are within 50 pixels of the coordinates of the other character. Otherwise, false.

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 (_____ _____ **)** _____ **)**