

word problem collide?



Code.org CS in Algebra - Stage 20

Directions: Write a function 'distance?', which 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

Is the player's x and y within 100 pixels of the other character's x and y

Contract and Purpose Statement

Every contract has three parts...

_____ : _____ -> _____
function name *domain* *range*

what does the function do?

Examples

Write some examples for your function in action...

Example: _____ (_____) = _____
function name *input(s)* *what the function produces*

Example: _____ (_____) = _____
function name *input(s)* *what the function produces*

Definition

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

Define: _____ (_____) = _____
function name *variables*

what the function does with those variables