20
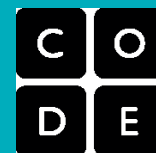
Stage 20

distance (word problem)

Code.org Computer Science in Algebra

Description: 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 use the Distance formula to return the distance between both points

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

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            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