Check for Mistakes in this Word Problem: late-to-class?

Directions: *You will be late to class if you have to walk more than 25 pixels to get there. Write a function that takes in your x-coordinate and y-coordinate and the x-coordinate and y-coordinate of the classroom and returns true if you will be late to class and false if you will be on time.*

Contract and Purpose Statement

Every contract has three parts ...

; late-to-class? :   number   number   number   number   →   boolean

      function name   *domain*   *range*

; Takes the coorindates of my location and a classroom and returns true

what does the function do?

Examples

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

(EXAMPLE((late-to-class?   )   (> 25 (distance 40 55 65 80)))

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

(EXAMPLE((late-to-class?   )   (< 25 (distance 40 55 65 80)))

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

Definition

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

(define(late-to-class? student-x student-y school-x school-y)

         function name   *variables*

        ((< 25 (distance student-x student-y school-x school-y)))   )

what the function does with those variables