

## Word Problem: onscreen?

**Directions:** Use the Design Recipe to write a function 'onscreen?', which takes in the target's x-coordinate and checks to see if Sam is protected on the left AND protected on the right.

### Contract and Purpose Statement

*Every contract has three parts ...*

**i** \_\_\_\_\_ : \_\_\_\_\_ → \_\_\_\_\_  
  
**i** \_\_\_\_\_  
\_\_\_\_\_

### Examples

*Write some examples of your function in action...*

(**EXAMPLE** ( \_\_\_\_\_ )  
\_\_\_\_\_  
\_\_\_\_\_ )

(**EXAMPLE** ( \_\_\_\_\_ )  
\_\_\_\_\_  
\_\_\_\_\_ )

### Definition

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

(**define** ( \_\_\_\_\_ )  
\_\_\_\_\_  
\_\_\_\_\_ )