Word Problem: order

Directions: Alice's Restaurant has hired you as a programmer. They offer the following menu items: hamburger ($6.00), onion rings ($3.50), fried tofu ($5.25) and pie ($2.25). Write a function called `order` which takes in the name of a menu item and outputs the price of that item.

Contract and Purpose Statement

Every contract has three parts...

```
; order : String -> Number
```

function name | *domain* | *range*

```
; Given an item, produce the cost of that item
```

what does the function do?

Examples

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

```
(EXAMPLE (order "hamburger") "6.00")
(EXAMPLE (order "pie") "2.25")
(EXAMPLE ( ) )
(EXAMPLE ( ) )
```

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

Definition

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

```
(define (order item)
  (cond
    [(string=? item "hamburger") 6.0]
    [(string=? item "onion rings") 3.5]
    [(string=? item "fried tofu") 5.25]
    [(string=? item "pie") 2.25]
    [else "Sorry, not on the menu!"]
  ))
```

function name | *variable(s)* | *what the function does with those variable(s)*