## Check for Mistakes in this Word Problem: check-total

Directions: It is customary to tip $20 \%$ on a bill at a restaurant. Write a function that takes the total cost of the food and returns the new total including tip.

## Contract and Purpose Statement

Every contract has three parts...

what does the function do?

## Examples

Write some examples, then circle and label what changes...
(EXAMPLE ( (total 20) $\underset{\text { function name }}{\text { input }(s)}$
(EXAMPLE( (total 56.67) $\square$

$$
(56.67(+(0.2 * 56.67) 56.67))
$$

## Definition

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

```
(define( check-total
    function name
    variables
(* (+ 0.2 food-total) food-total)
```

