

# Check for Mistakes in this Word Problem: enough-cash?

**Directions:** You go the store with \$1.50 in your pocket. Write a function which takes in the price of an item and returns true if you have enough money to buy the item and false if you do not.

## Contract and Purpose Statement

Every contract has three parts...

<code>; enough-cash?</code>	<code>:</code>	<code>string</code>	<code>→</code>	<code>boolean</code>
<small>function name</small>		<small>domain</small>		<small>range</small>
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<code>; Check to see if the item costs less than 1.50</code>				
<small>what does the function do?</small>				

## Examples

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

<code>(EXAMPLE(</code>	<code>enough-cash?</code>	<code>"gum"</code>	<code>)</code>	<code>(&lt; gum 1.5)</code>	<code>)</code>
	<small>function name</small>	<small>input(s)</small>		<small>what the function produces</small>	
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<code>(EXAMPLE(</code>	<code>enough-cash?</code>	<code>"soda"</code>	<code>)</code>	<code>(&lt; gum 150)</code>	<code>)</code>
	<small>function name</small>	<small>input(s)</small>		<small>what the function produces</small>	

## Definition

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

<code>(define(</code>	<code>enough-cash?</code>	<code>item</code>	<code>)</code>
	<small>function name</small>	<small>variables</small>	
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<code>(&lt; item 1.5)</code>			<code>)</code>
<small>what the function does with those variables</small>			