

# FOLIO #3 (Times Table Gen)

## Interface mock-up

### Times Table Generator

Number of equations:

Number to be multiplied:

\_ times \_ equals \_

\_ times \_ equals \_

\_ times \_ equals \_

(etc. up to 10 if chosen)

## Pseudo-code

When **calculate** button pressed;

- get value of what to multiply up to;

- get value of number to multiply;

- assign values to their variables;

- if number of equations = 1,2,3,4,5,6,7,8,9,10;

- set doc.element(answer1) to 1\*1;

- set doc.element(answer2) to 1\*2;

- etc. up to whatever number is chosen;

- set selected number as first value in worded equation;

- set whatever (1,2,3,4,5,6,7,8,9,10) as second number;

- use doc.element() to set worded equations

- display answers;

# Variable Table

Variable	Type	Format	Size	Example	Purpose
chosennumber	blank, int	#	na	2, 5	To get the number chosen.
numbermult	blank, int	#	na	4, 1	To get how many operations to perform.

Test Data	Expected Result	Attempts & Adjustments	Actual Result
	The amount of calculations wanted should be equal to the number of calculations chosen.	Tested with all numbers.	Works as expected, displays all numbers and calculations correctly.
	The number to multiply by should be equal to the number chosen.	Tested with various numbers.	Numbers displayed are what they should be.