Verification

Exercise 1:   Give examples of appropriate test inputs for each of the above categories if you were testing: (a) an 4x8-bit multiplier with a 10-bit output, (b) a frequency divider using an 8-bit timer?

Multiplier

	4×8
typical	1 × 2
limit	0,15 , 0,255
invalid	15 × 255
random	

frequency divider

typical: 4 (divide by 4)

limit :   1 (no division)

     255 (max.)

invalid: 0 (DC output?)

random: 99, 79, 42

Exercise 2: What two tcl commands are executed by the following tcl script: `set x [expr 1 + 1]`?

expr

set

Exercise 3:   What's the difference between `wait(x) y='1;` and `@(x) y='1;`?

wait : pauses until x is non-zero.

@ : waits for next event on x. (a change)