```
x ( a, b ) {                    x:   code for body of x that assumes
        body of function x               register 1 contains parameter a
}                                         and register 2 contains b
                                     ret


x ( -4, 17 );                        load -4 into register 1
other statement;                     load 17 into register 2
x ( 71, 27 );                        jsr  x
next statement                       code for other statement
                                     load 71 into register 1
                                     load 27 into register 2
                                     jsr  x
                                     code for next statement


        (a)                                  (b)
```

Figure 9.6 (a) A declaration for parameterized procedure x and two invocations in a high-level language, and (b) the assembly language equivalent for a processor that passes arguments in registers.