

High address

\$sp →

Low address

(a)

\$sp →

(b)

\$sp →

(c)

Contents of register \$t1

Contents of register \$t0

Contents of register \$s0

FIGURE 2.10 The values of the stack pointer and the stack (a) before, (b) during, and (c) after the procedure call. The stack pointer always points to the “top” of the stack, or the last word in the stack in this drawing.