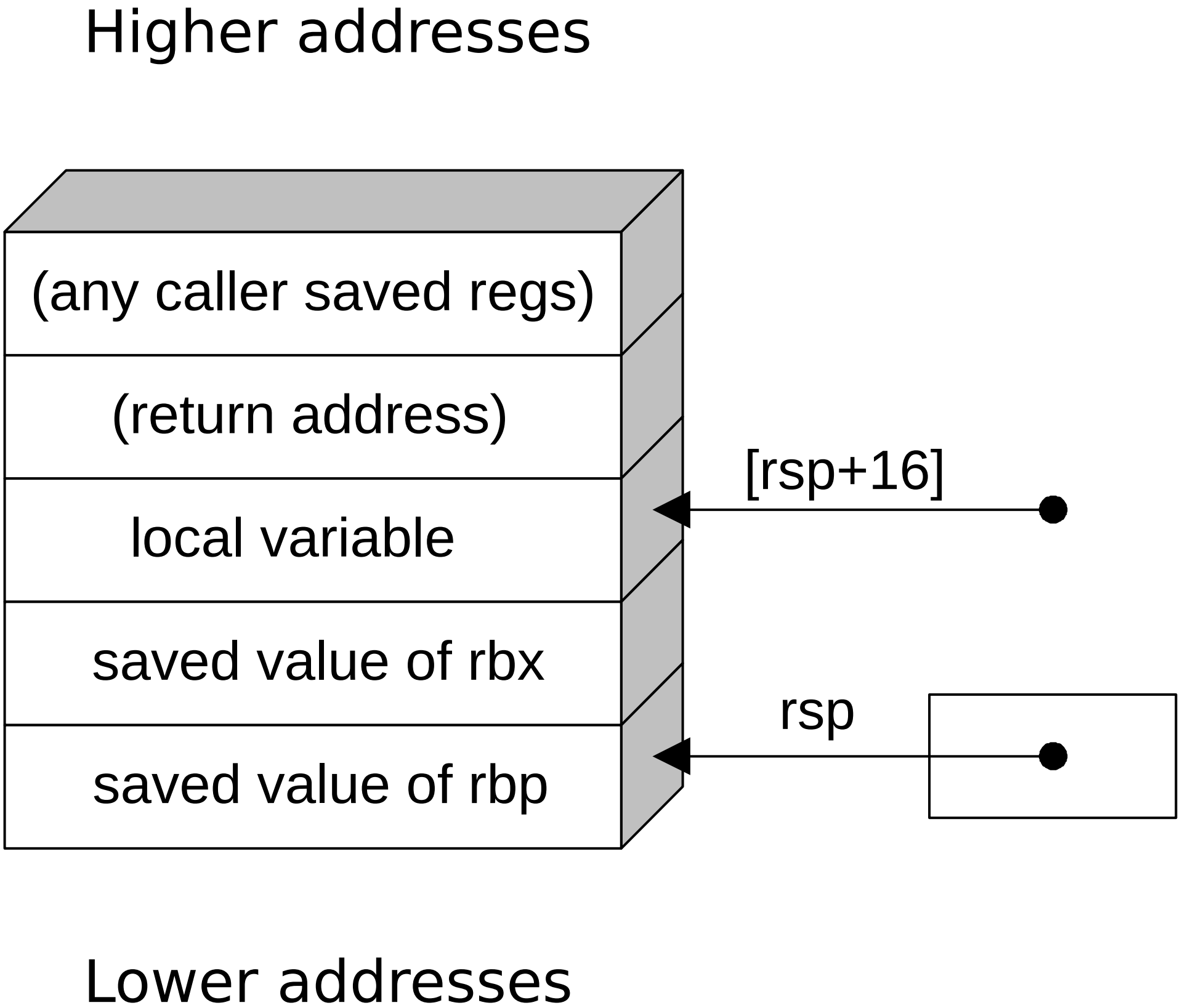
Higher addresses
(any caller saved regs)
(return address)
local variable
saved value of rbx
saved value of rbp
[rsp+16]
rsp
Lower addresses