



`<id-list> ::= id`

add S(id) to list
add 1 to LISTCOUNT

`<id-list> ::= <id-list> , id`

add S(id) to list
add 1 to LISTCOUNT

`<read> ::= READ (<id-list>)`

generate [+JSUB XREAD]
record external reference to XREAD
generate [WORD LISTCOUNT]
for each item on list do
 begin
 remove S(ITEM) from list
 generate [WORD S(ITEM)]
 end
LISTCOUNT := 0

(b)

+JSUB XREAD
WORD 1
WORD VALUE

(c)

Figure 5.18 Code generation for a READ statement.