

# Itemized type worksheet

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*Describe the data:*

; \_\_\_\_\_ is one of:  
ITEMIZED TYPE

; \_\_\_\_\_  
SUBGROUP 1

; \_\_\_\_\_  
SUBGROUP 2

; \_\_\_\_\_  
SUBGROUP 3

...

*Describe the function, stub, test:*

; \_\_\_\_\_ : \_\_\_\_\_ → \_\_\_\_\_  
FUNCTION NAME ITEM TYPE OUTPUT TYPE

; \_\_\_\_\_  
DESCRIPTION (WITH GOOD VERB AND 'GIVEN')

(define ( \_\_\_\_\_ )  
FUNCTION NAME INPUT NAME

\_\_\_\_\_  
DUMMY VALUE OF OUTPUT TYPE )

(check-expect ( \_\_\_\_\_ ) \_\_\_\_\_ )  
FUNCTION NAME VALUE IN SUBGROUP 1 CORRECT OUTPUT

(check-expect ( \_\_\_\_\_ ) \_\_\_\_\_ )  
FUNCTION NAME VALUE IN SUBGROUP 2 CORRECT OUTPUT

(check-expect ( \_\_\_\_\_ ) \_\_\_\_\_ )  
FUNCTION NAME VALUE IN SUBGROUP 3 CORRECT OUTPUT

...

*Take inventory—if input is itemized type, use this template to replace dummy value:*

(cond [( \_\_\_\_\_ ) ... ]  
TEST FOR SUBGROUP 1

[( \_\_\_\_\_ ) ... ]  
TEST FOR SUBGROUP 2

[( \_\_\_\_\_ ) ... ]  
TEST FOR SUBGROUP 3

[ ... ])