

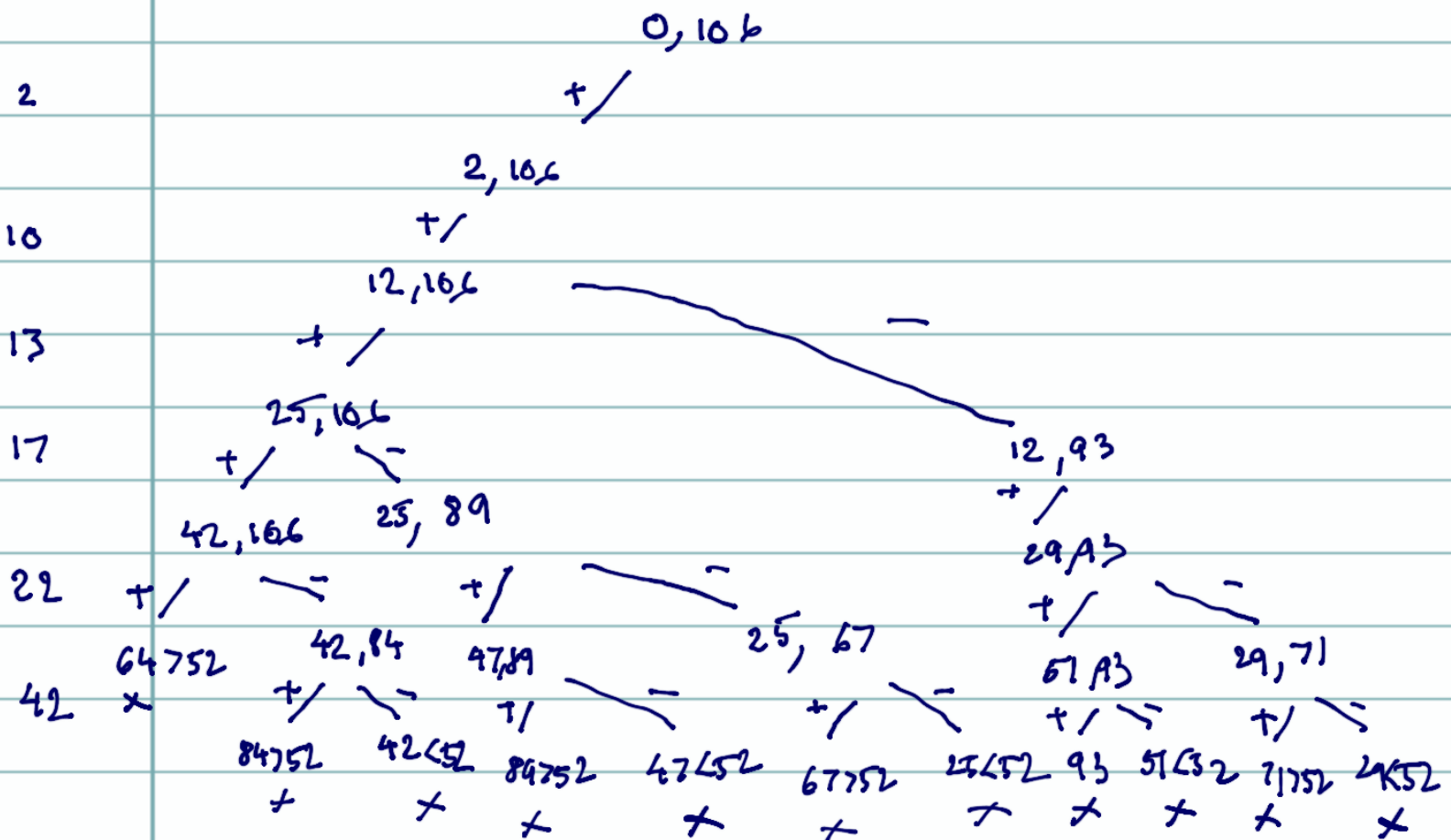
①

## HW 9 Solutions

Remaining sum: 16, 64, 94, 81, 64, 42

Input: 2, 10, 13, 17, 22, 42,  $B = 52$

Pairs represent (current sum, upper bound)

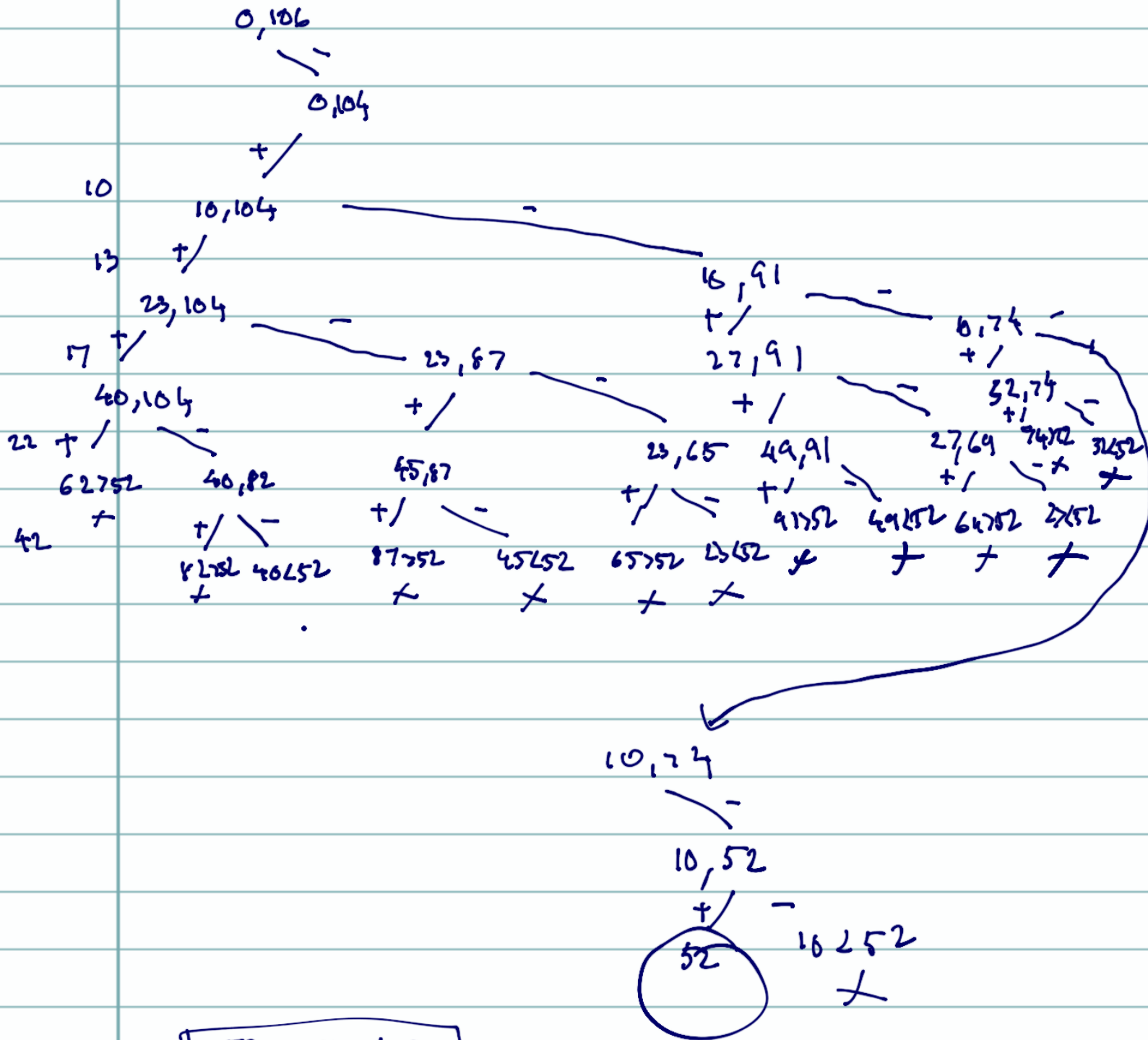


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i  
ctd.

Remaining sum: 16 14 9 8 6 4 2

Input: 2, 10, 13, 17, 22, 42,  $n = 52$



$$52 = 10 + 42$$

2

40 2 10  
30 5 6  
50 10 5  
10 5 2

$w = 16$

Tuple = (current value, current weight, upper bound)

