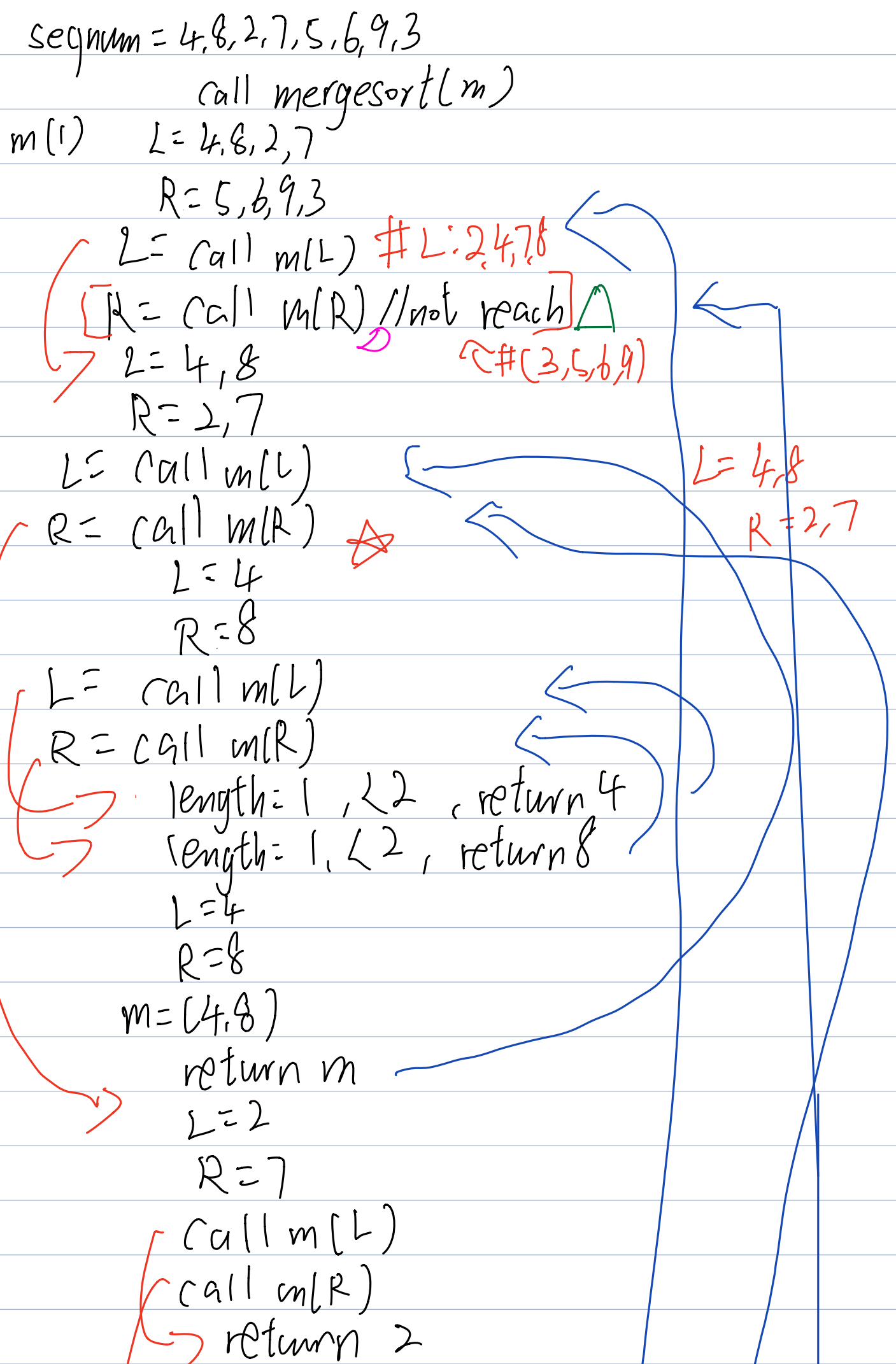
seqnum = 4,8,2,7,5,6,9,3
call mergesort(m)
m(1) L=4,8,2,7
R=5,6,9,3
L= call m(L) #L:2,4,7,8
R= call m(R) //not reach
L=4,8
R=2,7
L= call m(L)
R= call m(R)
L=4
R=8
L= call m(L)
R= call m(R)
length=1, L2, return 4
length=1, L2, return 8
L=4
R=8
m=(4,8)
return m
L=2
R=7
call m(L)
call m(R)
return 2
#(3,5,6,9)
L=4,8
R=2,7

return 7

L = 2

R = 7

m = (2, 7)

return (2, 7)

☆:

L = 4, 8

R = 2, 7

m = (2, 4, 7, 8)

return (2, 4, 7, 8)

△:

L = 5, 6

R = 9, 3

L = call m(L)

R = call m(R)

L = 5

R = 6

L = call m(L) # L = 5

R = call m(R) # R = 6

return 5

return 6

L = 5

R = 6

m = (5, 6)

return (5, 6)

L=9

R=3

L=call m(L) # L=9

R=call m(R) # L=3

return 9

return 3

L=9

L=3

m=(3,9)

return (3,9)

D:

L=5,6

R=3,9

m=(3,5,6,9)

return (3,5,6,9)

D:

L=2,4,7,8

R=3,5,6,9

m=(2,3,5,6,7,8,9)

return (2,3,5,6,7,8,9)