



main
mulberry(4)

Step 0: calls mul...(4)

Step 7:
returns $6+4=10$

mul...(4)
 $n=4$
return $4 + ?$

Step 1: calls mul...(3)

Step 6:
returns
 $3+3=6$

mul...(3)
 $n=3$
return $3 + ?$

Step 2: calls mul...(2)

Step 5:
returns
 $2+1=3$

mul...(2)
 $n=2$
return $2 + ?$

Step 3: calls mul...(1)

mul...(1)
 $n=1$

Step 4: returns 1

main
cantalope (7254)

step 0 : calls cantalope (7254)

Step 9:
returns

cantalope (7254)
n = 7254

Step 1 : prints 4
and calls cantalope (725)

Step 8:
returns

cantalope (725)
n = 725

Step 2 : prints 5 and
calls cantalope (72)

Step 7:
returns

cantalope (72)
n = 72

Step 3 : prints 2 and
calls cantalope (7)

Step 6:
returns

cantalope (7)
n = 7

Step 4 : prints 7
and calls cantalope (0)

cantalope (0)
n = 0

Step 5:
just returns

Step 6:
returns **7**

main
almond([2, 7, -11])

Step 0: calls
almond([2, 7, -11])

almond([2, 7, -11])
tmp = ?

Step 1: calls

almond([2, 7])

Step 5:
returns **7**

almond([2, 7])
tmp = ?

Step 2: calls

almond([2])

Step 4:
returns **2**

almond([2])

Step 3:
returns **2** since the
list has size 1