Date:

Nos Les 8 teb by 8 teb for the 3 um operation

On the list = [47, 11, 42 13] Let's

break it Jann: List [47,11,42,13] Reduce Function Syntax: *:- from functools inpost seduce

Yesulf = seduce (larbda x, y; x+y; [47, 11, 42, 13]) Internal Mechanisum: I.) Initial Step:
* The reduce() furthion starts by applying

the function to the first tow elevents in Helist. * In this case, it takes 47 & 11 & 28d Hemi- 47711 = 58 2) Next 8 test of the first 8 tep 58

As now taken as the first 8 regiment (x)

84 the next element in the list 42 is

Taken 38 the second 8 regiment (y)

* It performs the addition; 58 + 47 = 100 3. Final Step: too is now taken as the first argurers.

The result from the previous step too is now taken as the first argurers. * It performs the final addition: 100 + 13 = 113 Step by 8tep Breakdown: 102 Step 1: 47+11 = 58 203 8tep 2: 58+42 = 100 3.) Step3: 100+13=113 First Result:

The Sun of the cleverts in the list

[47,12,42,13] Using reduction 18.