```
1. (* 1 2 3 (+ 4 5 6))
(* 1 2)
((* (* 1 2) 3))
((* (* 1 2 3) (+ 4 5))
((* (* 1 2) 3) (+ (+ 4 5) 6))
```

- 2. When rest is used, it takes the remaining elements of a list and turns them into a separate list than the first element.
- 3.a. (first(rest))
- b. The second element is (4 5). It's the second list inside of the initial list not including the nested list inside the first list.
- 4. No there are not. All s-expressions are ultimately binary, so each set of parentheses will have one arithmetic expression. Since s-expressions use recursion, it will perform equations in such a manner. (* (+ (/9 3) 2) 1) will do (((9/3)+2)*1)