

## Practice Problems 5

$L = (2, 4, 7, 1, 5, 3, 8, 6)$

1. List terminology
  - a. Head
  - b. Tail
  - c. Sublist
  - d. Subsequence
  - e. Length
  - f. Prefix
  - g. Suffix
  
2. Search for elements in a array based list.
  - a. search(3)
  - b. search(7)
  - c. search(9)
  
3. Write the following expressions in postfix
  - a.  $(3+2) - 4$
  - b.  $(4-2) * (8/(1+3))$
  
4. Questions on induction