Problem 1

- (1 (2 3) 4)
- (((1 2) 3 4) 5 6)
- ((()))
- (1.2)
- (12)
- 1
- (2)
- 3
- (
- (1 a . b)
- (b c)

Problem 2

- (list 1 (cons 2 3) 4)
- (list 1 2)
- (cons 1 2)
- (list 1 2 (list 3 4) (list 5 6))
- (list '() 1 2)
- (list 1 (cons 2 3))
- (list 'a 'b '(c d) (cons 'e 'f))
- '(a (cons b c))

Problem 3

Part A

Part B

Problem 4

- Procedure
- Procedure
- Procedure
- 10
- Procedure
- 12
- "bye"
- 11

Problem 5

(define (double proc) (lambda (x) (proc (proc x))))