1. 7
2. Err
3. 10
4. -8
5. 5
6. Okay
7. 4
8. False
9. True
10. 2
11. True
12. 4
13. x
14. 2
15. f
16. 16
17. 9
18. 20
19. (1 2)
20. (1 . 2)
21. 1
22. (2)
23. 2
24. False
25. True
26. (1 2 3 4)
27. (2 3 4)

(define (filter pred lst)

(cond ((null? lst) nil)

((pred (car lst)) (cons (car lst)

(filter pred (cdr lst))))

(else (filter pred (cdr lst)))))

(define (construct value lists)

(if (null? lists)

nil

(cons (cons value (car lists))

(construct value (cdr lists)))))