1. Lista: (a b c d e) \rightarrow Extraer d

(cadddr '(a b c d e))

2. Lista: $((1\ 2)\ (3\ 4)\ (5\ 6)) \rightarrow$ Extraer 5

(caaddr '((1 2) (3 4) (5 6)))

3. Lista: ((a b) (c d) (e f)) \rightarrow Extraer e

(caaddr '((a b) (c d) (e f)))

4. Lista: $((x y) ((p q) (r s)) (z w)) \rightarrow Extraer z$

(caaddr '((x y) ((p q) (r s)) (z w)))

5. Lista: ((1 (2 3)) (4 (5 6))) → Extraer 6

(cadadr (cadr '((1 (2 3)) (4 (5 6)))))

6. Lista: $(((a b) c) d e) \rightarrow Extraer c$

(cadar '(((a b) c) d e))

7. Lista: $(((1\ 2)\ 3)\ ((4\ 5)\ 6)) \rightarrow$ Extraer 6

(cadadr '(((1 2) 3) ((4 5) 6)))

8. Lista: $((p (q (r s))) t u) \rightarrow Extraer (r s)$

(cadadr (car '((p (q (r s))) t u)))

9. Lista: $(((a) b) (c (d e)) f) \rightarrow$ Extraer d

(cadadr (cadr '(((a) b) (c (d e)) f)))

10. Lista: ((1 (2 (3 4))) (5 6)) → Extraer 3

(caadr (car '((1 (2 (3 4))) (5 6))))

11. Lista: (((x) (y)) ((z) (w))) → Extraer (w)(cadadr '(((x) (y)) ((z) (w))))

12. Lista: ((a (b (c d))) (e f)) → Extraer c(caadr (car '((a (b (c d))) (e f))))

13. Lista: ((1 (2 (3 (4 5)))) (6 7)) → Extraer 4(caadr (cadr (car '((1 (2 (3 (4 5)))) (6 7)))))

14. Lista: (((a b) c) ((d e) f) ((g h) i)) → Extraer g(caaddr '(((a b) c) ((d e) f) ((g h) i)))

15. Lista: (((x y) (z w)) ((p q) (r s))) → Extraer r (caadr (cadr '(((x y) (z w)) ((p q) (r s)))))

16. Lista: ((1 (2 (3 (4 (5 6))))) (7 8)) → Extraer 5(caadr (cadr (car '((1 (2 (3 (4 (5 6))))) (7 8)))))

17. Lista: ((a (b (c (d e)))) (f g)) → Extraer d (caadr (cadr (car '((a (b (c (d e)))) (f g)))))

18. Lista: (((1 2) (3 4)) ((5 6) (7 8))) → Extraer 7 (caadr (cadr '(((1 2) (3 4)) ((5 6) (7 8)))))

Lista: ((x (y (z (w v))))) → Extraer w
(caadr (car '((x (y (z (w v)))))))

20. Lista: (((a b c) (d e f)) ((g h i) (j k l))) \rightarrow Extraer j

 $(\mathsf{caadr}\,(\mathsf{cadr}\,{}^{\scriptscriptstyle t}(((\mathsf{a}\,\mathsf{b}\,\mathsf{c})\,(\mathsf{d}\,\mathsf{e}\,\mathsf{f}))\,((\mathsf{g}\,\mathsf{h}\,\mathsf{i})\,(\mathsf{j}\,\mathsf{k}\,\mathsf{l})))))$