```
        ******          disequazione    f(x) ≤ 0              ******

              x + 2
f(x)  := ─────────
              x + 8

SOLVE(f(x) ≤ 0, x)

                                    -8 < x ≤ -2

graf := [f(x), SOLVE(f(x) ≤ 0, x), SOLVE(f(x) = 0, x)]

          ⎡  x + 2                              ⎤
          ⎢ ─────────, -8 < x ≤ -2, x = -2 ⎥
          ⎣  x + 8                              ⎦

[raggio := 10, passo := 0.5]

ascisse := [-raggio, -raggio + passo, ..., raggio]

punto(x) := [x, f(x)]

campionamento := VECTOR(punto(x), x, ascisse)
```
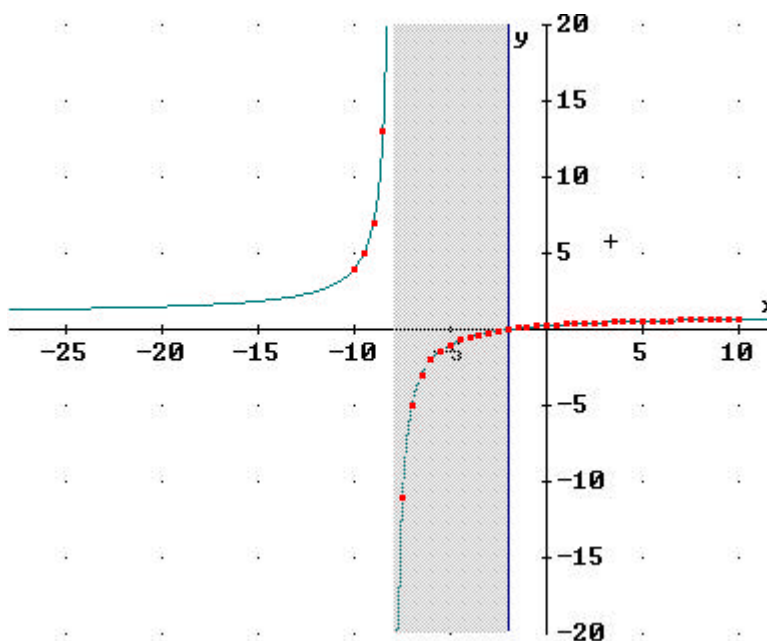


```
        ****************************************************************

SOLVE(f(x) = ∞, x)

                              x = ±∞ ∨ x = -8

                              x = ±∞ ∨ x = -8

[f(-∞), f(-8), f(∞)]

                                 [?, ±∞, ?]

⎡lim  f(x), lim  f(x),  lim  f(x),  lim  f(x), lim f(x)⎤ = [1, ±∞, ∞, -∞, 1]
⎣x→-∞        x→-8        x→-8-        x→-8+        x→∞  ⎦

        ****************************************************************

dominio(y) := SOLVE(SOLVE(y ≤ 0, x) ∨ SOLVE(y > 0, x), x)

dominio(f(x))

                                  x ≠ -8
```