```
álcula 1, stemart, val 1, ced 5, cap 4.7.
  P = x.y = 100
                                     x = 100
                     alimezajão
5'(x) = 1+-100x<sup>-2</sup> camo queremos achar o núnimo
1+-100x2=0
          x2 = 100
                                    de Sixi
                        P = 2x + 2y = 100
                       A = x.y = x.(50-x) =
                           x = 25
A'(x) = 50 - 2x = 0 = em
 25 + y = 50 y = 25
                       A=x.y= 1500000
                      Coma = 2x + 3 my atiming
2 = 4.5 \cdot 10^6
                x^2 = 45.10^6 \rightarrow x = \pm \sqrt{2250000}
                            x= ± 1500
                                    x=+ 1500
1500, y = 1500000
```

