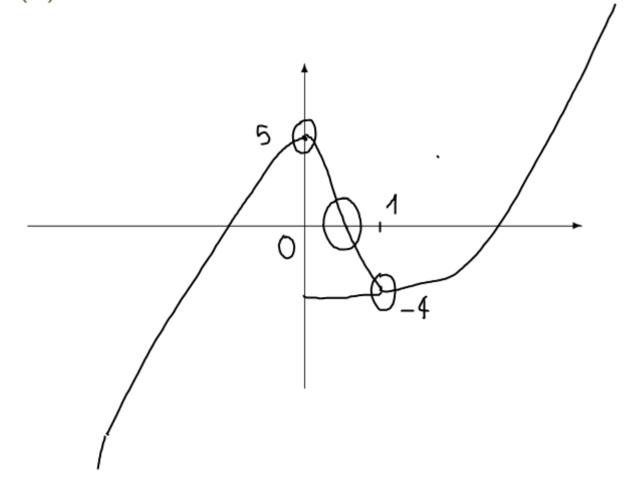
## Un problema "concreto"



$$y = f(x) = x^3 - 10x^2 + 5$$



## Una stima del metodo



$$(b_n - a_n) = \frac{b_{n-1} - a_{n-1}}{2} = \dots = \frac{b_o - a_0}{2^m} = \frac{L}{2^n} < \xi$$

se vogliamo che

$$(b_n - a_n) < \varepsilon$$

dobbiamo iterare il procedimento

$$n = \left\lceil \frac{\ln(L/\varepsilon)}{\ln(2)} \right\rceil + 1$$

$$\frac{1}{2}n < \frac{\varepsilon}{L}$$

1) 
$$\frac{L}{\epsilon}$$
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 
 $\frac{L}{\epsilon}$ 

