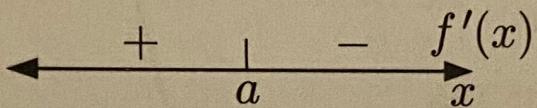


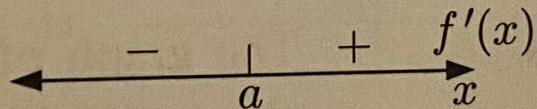
*Stationary point*  
where  $f'(a) = 0$

*Sign diagram of  $f'(x)$*   
near  $x = a$

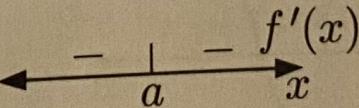
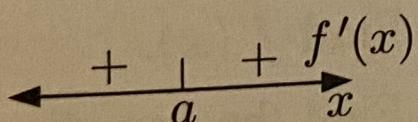
local maximum



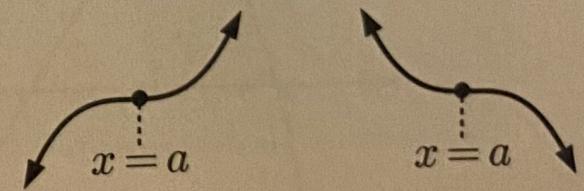
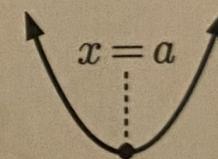
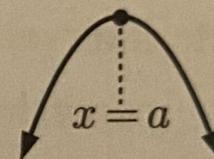
local minimum



stationary inflection



*Shape of curve near  $x = a$*



at  $x = a$  which  $f'(x) = 0$ . The