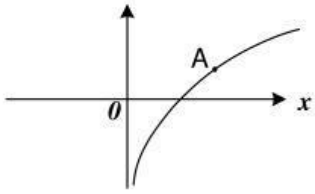
1. Определите знак производной в точке А.

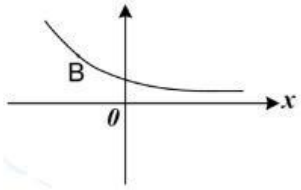


А. $f'(x) = 0$

Б. $f'(x) < 0$

В. $f'(x) > 0$

2. Определите знак производной в точке В.

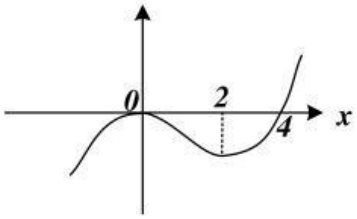


А. $f'(x) = 0$

Б. $f'(x) < 0$

В. $f'(x) > 0$

3. Определите промежуток убывания функции

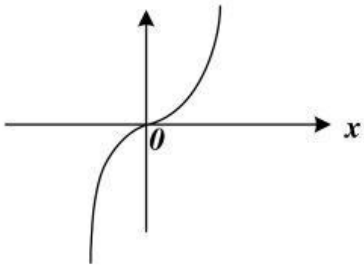


А. $0 < x < 4$

Б. $0 < x < 2$

В. $x > 2$

4. Определите промежуток возрастания функции

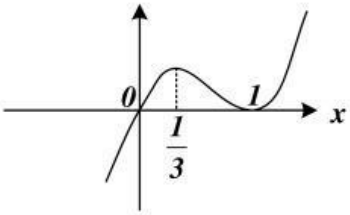


А. $x < 0$

Б. $x > 0$

В. $(-\infty; +\infty)$

5. Найдите все критические точки



А. $\frac{1}{3}$; 1

Б. 0 ; 1

В. 0 ; $\frac{1}{3}$; 1

LIVEWORKSHEETS