**Физики**

1

**h (t) = 200 t - 5 t2**

h**/** (x)=\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Физики**

2

h**/** (t)= 200 - 10 t

h**/** (t)=0; 200 - 10t = 0

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

t =\_\_\_\_\_\_\_\_\_критическая точка

**Физики**

3

 **h (t) = 200 t - 5 t2**

t = 20 – критическая точка (точка max)

h (20) =\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Физики**

5

 hmax = 2000

 hп= 3000 + hmax + 1500 =\_\_\_\_\_\_\_\_\_

 **физики**

 **Постройте график производной функции**

4

 h**/** (x)= 200 - 10 t

|  |  |  |
| --- | --- | --- |
| t |  |  |
| h |  |  |