

3,5

1. (8)

V H -

$2V$.

2. (10)

$t = 0$ τ

x $x = 0$

V_0
 $2V_0$

$a_x = -a_0 (a_0 > 0)$.

τ

3. (10)

$1000 / ^3$ $800 / ^3$

4. (12)

(.) .

(3)?

).

(4)?

(5)?

