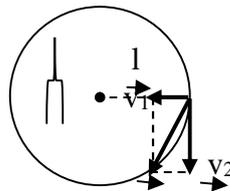


2.

$v_1 = 7$ /
$l = 6$
$= 18$ $^{-1} = 0,3^{-1}$
<hr/>
$v$ . - ?



$v_2 = 2$   $l = 6,28 \cdot 0,3 \cdot 6 = 11,3$  /

...

/

13,3 /

1.

3.

$V = 1$ $^3$
$h = 6$
$= 2500$ / $^3$
$= 830$ / .
<hr/>
$T$ - ?

$y = \frac{cm \Delta T}{\Delta E}$  ;

$\Delta T = \frac{y \cdot \Delta E}{cm}$  ;  $\Delta E = Vgh(\dots_c - \dots)$  ;

$\Delta T = \frac{y \cdot Vgh(\dots_c - \dots)}{c \dots V}$  ;  $\Delta T = \frac{0,4 \cdot 10 \cdot 6 \cdot 1500}{830 \cdot 2500} = 0,02 K$

4.

$= 5,4^0$
$= 150$ $^{-1}$
$R = 2$
<hr/>
$V$ - ?

( ) : ...

:

:

5.

,

,

$$F = \mu mg \cos \theta$$

,

-

-