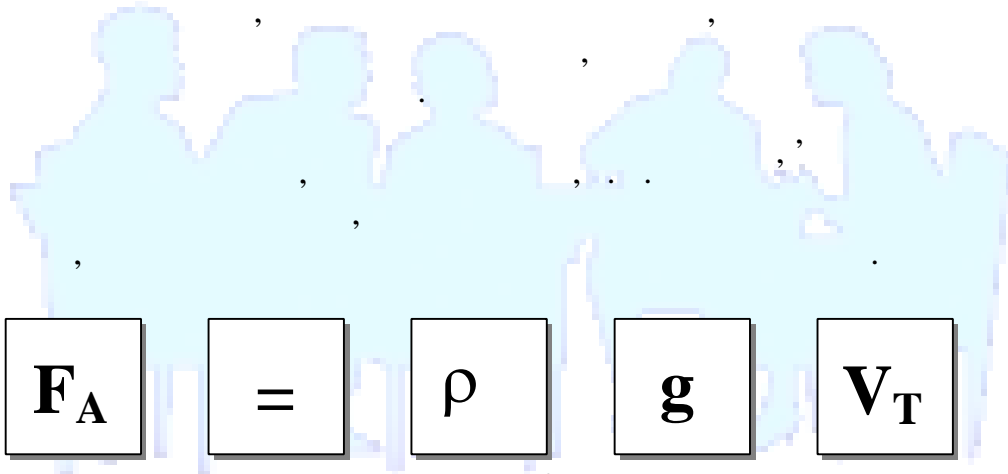


7- , 8-

**F**      **S**  
2



**F<sub>A</sub>**    =    **ρ**    **g**    **V<sub>T</sub>**

**ρ**    **g**    **V<sub>T</sub>**    =    **F<sub>A</sub>**

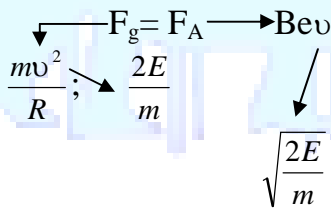
**V<sub>T</sub>**    =    **F<sub>A</sub>**  
**g**    **ρ**

- 1)
- 2)
- 3)
- 4)
- 5)

30

0,2

B=0,2 ;  
 E=30 ;  
 e=1,6·10<sup>-19</sup> ;  
 m=9·10<sup>-31</sup>  
 R=?



$$\frac{2E}{R} = Be \sqrt{\frac{2E}{m}} ;$$

$$R = \frac{\sqrt{2Em}}{Be}$$

$$[R] = \left( \frac{\dots}{\dots} \right)^{\frac{1}{2}} =$$

$$= \frac{\dots}{\dots} =$$

$$= \frac{\dots}{\dots} =$$

$$\{R\} = \frac{2 \cdot 48 \cdot 10^{-16} \cdot 9 \cdot 10^{-31}}{0,2 \cdot 1,6 \cdot 10^{-19}} =$$

$$= 3 \cdot 10^{-3} ( ) = 3 ( )$$