

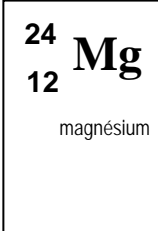
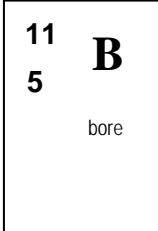
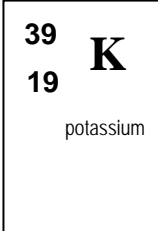
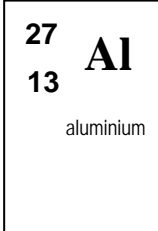
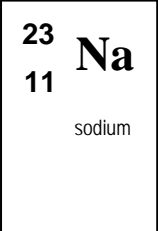
2011 - 2010 :			
2 :	:	:	1 :
			/ :

2011-02-15: :

( 8 ) :

4 :

:



3

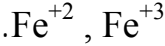
:

- 1

- 2



-



-

-

4 :

$m_e = 9,1 \cdot 10^{-31}\text{kg}, m_p = 1,67 \cdot 10^{-27}\text{kg}, m_n = 1,67 \cdot 10^{-27}\text{kg} :$



:

/1

/2

/3

/ 4

/ 5

$e = 1,6 \cdot 10^{-19} \text{ C}$

( 12) :

4 :

4 S B

A

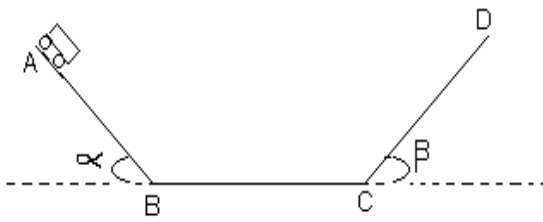
6S

BC

$V_B = 40 \text{ cm/s}$

C

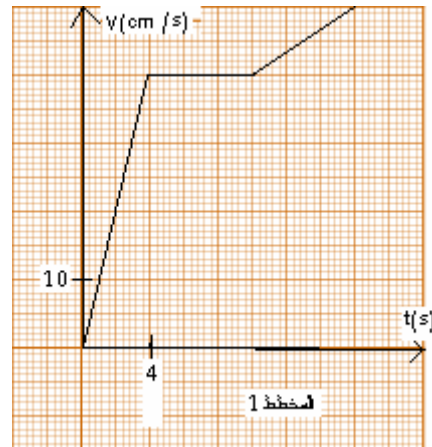
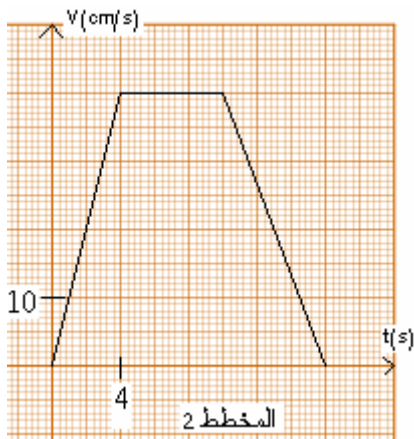
D



- 1

- 2

\*



- 3

- 4

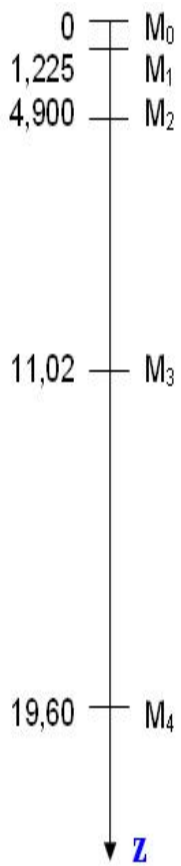
4 :

$\vec{OZ}$

$m = 150 \text{ g}$

(m)

$\Delta t = 0,5 \text{ S}$



.  $M_3, M_2, M_1$  - 1  
 - 2  
 - 3  
 - 4

4 :

. cm  $q_B, q_A$  - 1

$$q_A = 1,0 \cdot 10^{-6} \text{ C}, q_B = -1,0 \cdot 10^{-6} \text{ C} /$$

$$q_A = 5 \cdot 10^{-7} \text{ C}, q_B = 3 \cdot 10^{-6} \text{ C} /$$

- 2

E  $\cdot 6 \cdot 10^{-6} \text{ C}$  D D,E - 3

$$K = 9 \cdot 10^9 \text{ SI}$$

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