M. AUCKY 415/ S- X11-1/18 PUD . 1.0) Y = EP/Q -> V ~ EP b) JIKA MUAJAN +, EP& V + Jika Muatan - 1 EPJ V c) Milai EP dan V berganturg pada vilai muatan copurah.

4.81.
$$\angle q = \frac{6.10^{-9}}{10^{-1}} + \frac{8.10^{-9}}{2.10^{-1}} = b.10^{-8}$$

$$q | V = 9.10^{9} \cdot 6 \cdot 10^{8} = 740$$

$$b | Ep = 9.10^{9} \cdot 2.10^{6} \cdot 6.10^{8} = 108.10^{5}$$

$$9.10^{9} \cdot 1.16 \cdot 10^{-19} \cdot 2.10^{-6} =$$

$$=\frac{9.09.16.10^{2}.2.0}{5-0.10^{2}}$$

$$+\frac{1}{2}.167.00^{2}.2$$

$$V^{2} = 23.04.10^{-15}$$

$$0.835.10^{-27}$$

Tantangun $l = 1.6 \cdot 10^{-19}$. $M = 1.6 \cdot 10^{-27}$, r = 1; $A = 1.6 \cdot 10^{-2}$. V = 200Ep= Epz+ Ekz, 9 MV = 1/2 M V2. $1.16 \cdot 10^{-19} \cdot 200 = 1/2 - 1.16 - 10^{-17} \cdot \sqrt{2}$

 $400 \cdot 10^4 = V^2$ $V = 20 \cdot 10 = 2 \cdot 10^2 \text{ m/s}$ [P]

TUGAS - PUP.

1.
$$Q_{A} = -4 \cdot 10^{-6} \, ($$
 $E_{P} = 9 \cdot 10^{3} \cdot (-4) \cdot 10^{5} \cdot (6 \cdot 10^{-2}) \cdot (-4) \cdot 10^{5} \cdot (-4) \cdot 10^{$

 α_{10}

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PUP.

1. A) Krn elektron drum 8ng V=0, EK=0

b) Krn ada z bush elektron yy pungu kecepat an

2. TeV= 1,602 · 10 · 19 J.
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a)
$$EPa = 9.10^{9} \cdot 9.10^{-9} (-5).10^{-9} - -120.10^{-7} = -12.10^{-5}$$

$$61 \pm pb = 9.09.8.10^{-9}.(-5)10^{-9} = -30.00^{+}$$

$$(1)W = \Delta Ep = (-3+12) \cdot (0^{-6} = 9 \cdot 10^{-6})$$

Tugas Individu.

1.
$$d = 1.5 \text{ CM}$$
, $\Delta V = 10.000$ $\Delta 1 = 1.6 \cdot 10^{-9} \cdot 10^{4} = 16.0^{8}$
 $\Delta = 1.6 \cdot 10^{-19}$; $M = 9.10^{-31}$ $\Delta 1 = 1.6 \cdot 10^{-17}$; $\Delta 1 =$