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$$
\begin{aligned}
& \left.\begin{array}{l}
\mu 1 \text { benineur } \\
\alpha=30^{\circ}
\end{array} \right\rvert\, 1, h_{1}=\frac{v_{1}^{2} \cdot \sin 2 \alpha c}{9}=\frac{24^{2} u /-\sqrt{3}}{10 \mu / x \cdot 2}=28,8 \sqrt{3} \mu \\
& v_{1}^{c}=24 . u f c \\
& \alpha_{\text {ox }}=60^{\circ} \\
& 2 \cdot h_{2}=\frac{D_{2}^{2} \sin 2 \alpha_{\alpha s}}{g}=\frac{32^{2} \text { usc } \cdot 1}{104 \cdot 2}=51,2 \\
& t_{1}=1,5 \mathrm{c} \\
& c_{2}=32.440 \\
& \text { Q.S }=\Delta V_{t}=\left(J_{2}+J_{1}\right) \cdot t=(32+24 u / \mathrm{c}) \cdot 1,5 \mathrm{c}=84 \mu \\
& \mathrm{~S}-\text {. }
\end{aligned}
$$

1 wat: 1 tacmosis quey a ewarmoran masy.
2. waz: 2 macmins quy alleasmantu mory.
 mary.

N2. I Ugen nazgas sip amaugen ywix фориy, acon Hazan $\rightarrow U=\frac{3}{2} p V, 4$ ex kemisen kocariogn oprenva koareong $\rightarrow u=\frac{3}{2} \frac{p}{4}$ V. Cogan ajoöpaiork njoyece poprequacia ${ }_{\text {wazauton }}^{2} \rightarrow \frac{V_{1}}{V_{2}}=\frac{T_{1}}{T_{2}} ;$ oqgan $\rightarrow$ $P_{1} V_{1}=P_{2} V_{2}-x$ oregi genik. Sactanyer kifilue gailman kenetiu sonca, situr $U=\frac{3}{2 \cdot 4} \mathrm{pV}$ tacaígen.
 gen acuaunz; $\operatorname{colg} a \rightarrow \eta=\frac{\rho V}{4 N R T}$ рорни.sacerwa mos TiDK-ii anon weotaveenz. Heverce MIK 4 ece kenngi gewe mutimptreta ks eniz.

N 3. Bepincai $\left|\begin{array}{|l|l|} & \end{array}\right|$
$R_{1}=8 \mathrm{cu}$
$k_{i}=20 \mathrm{cu}$
$q_{1}=14 \mathrm{kkn}$ $q_{2}=-7 a_{1}$ $\varepsilon_{\text {本 }}$－？

Exi sixizuilu suaprajugn bip－ōipille
envereh maltoca $\rightarrow q=q_{1}+q_{2}$ ，
coliga $\rightarrow$ diolma cxewe apkemo Ip zanagmas wavereman Toiyta Sonager．

（2）
（94）

$$
q_{1}+q_{2}=14 k_{2} k_{1}+\left(-7-n_{1} k_{1}\right)=7 k_{1}
$$

$9: 2=3,5 \mathrm{kkn}$ ，couga stua If japsigmartar tieapuap



Arsip soboptacuevis xegeprici $R_{0}=20 R_{L}$ sance． $\triangle A B C$ \＆${ }^{5}$ ，A refe $B$ mobecinge Dutheip socouco， ITP．ocos onremp apkom quewenren mantu？动卉 keguri？
 Eng oce dureap kencetximiveen hoano regeprici tasa eun $\} \rightarrow R_{R_{2}}=6 \cdot R_{H_{0} A B C}=6 \cdot 130 \mathrm{Ou}=78 \mathrm{Cu}$.

1)

1) $\hat{b}_{8}^{54^{\circ}}$

$$
\begin{aligned}
& v=24 \mu / \mathrm{c} \\
& \varphi=30^{\circ} \\
& v=32 \mathrm{~m} / \mathrm{C} \\
& \varphi=60^{\circ}
\end{aligned}
$$

$$
t=1,5 \mathrm{c}
$$

$$
q \approx 10
$$

$$
h_{1}=\frac{v_{0}^{2}}{2 g}=\frac{2 H^{2}}{2 g}=\frac{576}{20}=28,8 \mathrm{~cm}
$$

$$
h_{2}=\frac{v_{0}}{2 y}-\frac{32^{2}}{2 g}=\frac{1024}{20}=51,2
$$

$$
t=\sqrt{\frac{2 h}{g}} \Rightarrow h=\frac{2 t^{2}}{2}
$$

$$
h=\frac{10 \cdot 1,5^{2}}{2}=11,025 \mathrm{~m}
$$

3) 

$$
\begin{aligned}
& B=10 \pi \quad \hat{q} \quad \hat{b} \sqrt{(p-a)(p-b)(p-c)} \\
& R=10 u \\
& q=?
\end{aligned}
$$

4) 

$$
\begin{aligned}
& g_{3}=9.78 \mu / c^{2} \approx 10 \\
& g_{n}=9,83 \mu_{1 c^{2}}
\end{aligned}
$$

