$13.71(12.21)$

$$
\vec{a}_{A}=? \quad \vec{a}_{B}=?
$$

$F=$ ?


$$
\begin{aligned}
& \xrightarrow[\frac{96.6}{32.2}\left(-\frac{1}{2} a_{B}\right)]{\substack{96.6 \\
32_{A} .2}} \\
& \delta U: \quad 9.66\left(-\frac{1}{2} \delta x_{B}\right)+30\left(\delta x_{B}\right)+6.44\left(-\delta x_{B}\right) \\
& =\frac{96.6}{32.2}\left(-\frac{1}{2} a_{B}\right)\left(-\frac{1}{2} \delta x_{B}\right)+\frac{64.4}{32.2} a_{B}\left(\delta x_{B}\right) \\
& \therefore a_{B}=\square a_{A}=-\square \quad \vec{a}_{B}=\square B / h^{2} \rightarrow \vec{a}_{A}=\square b^{t} / R^{2} \rightarrow
\end{aligned}
$$

$$
\begin{aligned}
& \pm \sum t_{x}: 9.66-4 F=\frac{96.6}{32.2} a_{\mathrm{A}} \quad \therefore F=0 \quad F=\square l b
\end{aligned}
$$

