(a) Is the electric potential at points $P_1, P_2$ positive or negative or zero?
(b) Is the potential energy of a negatively charged particle at points $P_1, P_2$ positive or negative or zero?
(c) Is the electric field at points $P_1, P_2$ directed left or right or is it zero?
(d) Is the force on a negatively charged particle at points $P_1$ and $P_2$ directed left or right or is it zero?

\begin{center}
\begin{tikzpicture}
\begin{scope}[scale=0.5]
\filldraw (0,0) circle (0.1) node[above] {$2nC$} -- (1,0) circle (0.1) node[above] {$P_1$} -- (2,0) circle (0.1) node[above] {$-4nC$};
\draw[->] (0,0) -- (3,0); \draw[->] (3,0) -- (6,0);
\end{scope}
\end{tikzpicture}
\end{center}