1) Resonance structures: For each molecule or ion, provide at one acceptable resonance structure. Be sure to indicate the flow of e\textsuperscript{−} with curved, two headed arrows.

a) 

\[
\begin{array}{c}
\text{\includegraphics[width=0.5\textwidth]{image1}} \\
\end{array}
\]

b) 

\[
\begin{array}{c}
\text{\includegraphics[width=0.5\textwidth]{image2}} \\
\end{array}
\]

c) 

\[
\begin{array}{c}
\text{\includegraphics[width=0.5\textwidth]{image3}} \\
\end{array}
\]

d) 

\[
\begin{array}{c}
\text{\includegraphics[width=0.5\textwidth]{image4}} \\
\end{array}
\]
2) **Stereoisomers**: Draw the enantiomer of each compound (in the box).