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USE THIS PAGE FOR ANSWERING QUESTION 4.
PLEASE WRITE THE LETTER FOR THE REACTION IN THE SQUARE AT THE
LEFT END OF EACH BOX. ONLY THE ANSWERS IN THE BOXES WILL BE SCORED.

<table>
<thead>
<tr>
<th>a</th>
<th>$\text{Ca} + \text{H}_2\text{O} \rightarrow \text{Ca(OH)}_2 + \text{H}_2$</th>
</tr>
</thead>
<tbody>
<tr>
<td>c</td>
<td>$\text{NH}_3 + \text{Ni}^{+2} \rightarrow \text{Ni} (\text{NH}_3)^{+2}$</td>
</tr>
<tr>
<td>d</td>
<td>$\text{Cu}^{+2} + \text{S}^{-2} \rightarrow \text{CuS}$</td>
</tr>
<tr>
<td>b</td>
<td>$\text{C}_4\text{H}_9\text{OH} + \text{O}_2 \rightarrow \text{CO}_2 + \text{H}_2\text{O}$</td>
</tr>
<tr>
<td>e</td>
<td>$\text{SrO} + \text{H}_2\text{O} \rightarrow \text{Sr(OH)}_2$</td>
</tr>
</tbody>
</table>
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\[ a \quad Ca^+ + H_2O \rightarrow CaOH + H_2 \]

\[ b \quad CH_3CH_2CH_2CH_2OH + O_2 \rightarrow CO_2 + H_2O \]

\[ d \quad Cu^{+2} + SO_4^{2-} \rightarrow CuSO_4 \]

\[ g \quad SrO + H_2O \rightarrow Sr^{1+} + OH^- \]

\[ h \quad CO + Fe_2O_3 \rightarrow FeO + CO_2 \]

GO ON TO THE NEXT PAGE.
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\[
\begin{array}{|c|c|}
\hline
\text{a} & \text{Ca} + \text{H}_2\text{O} \rightarrow \text{CaO} + \text{H}_2 \\
\hline
\text{c} & \text{NH}_4\text{OH} + \text{Ni} (\text{SO}_4)_2 \rightarrow \text{NH}_4\text{SO}_4 + \text{NiO}_2 \\
\hline
\text{f} & \text{H}^+ + \text{OH}^- \rightarrow \text{H}_2\text{O} \\
\hline
\text{g} & \text{SrO} + \text{H}_2\text{O} \rightarrow \text{Sr}^{2+} + \text{OH}^- \\
\hline
\text{c} & \text{Sn}^{2+} + \text{Ag}^+ \rightarrow \text{Sn}^{3+} + \text{Ag} \text{(s)} \\
\hline
\end{array}
\]