Complete the following reactions. Circle the most favored products.

2.
$$+ H_2O \rightarrow$$

$$3.$$
 OH $\stackrel{[0]}{\longrightarrow}$

7. —OH + OH [-
$$H_2$$
O]

$$^{10.}$$
 $^{+}$ HCl \rightarrow

12.
$$+$$
 HCl \rightarrow

13.
$$\bigcirc$$
OH + \bigcirc OH $\underline{[-H_2O]}$

16. HN + HCI + H₂O
$$\rightarrow$$

17.
$$\rightarrow$$
 + NH₃ \rightarrow [-H₂O]

$$20. \hspace{1cm} \text{OH} \hspace{1cm} + \hspace{1cm} \text{OH} \hspace{1cm} \text{[$\text{$H_2$O}$]}$$

21.
$$+ Cl_2 \longrightarrow$$

$$22. \quad \begin{array}{c} \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}$$

23.
$$H_2/Ni$$
 Δ

25.
$$+$$
 NaOH \rightarrow

Question 1:
$$\frac{1}{1}$$
 $\frac{1}{1}$ $\frac{$

Question 13: OH + OH
$$[\underline{H_2O}]$$
 $+ \underline{H_2O}$ Question 14: OH $[0]$ $+ \underline{H_2O}$

Question 16:
$$HN$$
 + HCI + H_2O \longrightarrow H_2O \longrightarrow H_2O

Question 18:
$$\bigcirc$$
OH + \bigcirc OH \bigcirc [H₂O] \bigcirc + \bigcirc H₂O

Question 19:
$$+ H_2(g) \rightarrow$$

Question 20:
$$\bigcirc$$
 OH + \bigcirc OH $[\underline{\mathsf{IH}_2\mathsf{O}}]$ \bigcirc + \bigcirc O + \bigcirc

Question 21:
$$+ Cl_2 \rightarrow HCl + \downarrow Cl + \downarrow Cl$$

Question 22:
$$\longrightarrow$$
 + H_2O IH^*I \longrightarrow OH + OH

Question 23:
$$H_2/Ni$$
 Δ

Question 24:
$$+ H_2O \rightarrow OH + OH$$

Question 25:
$$+$$
 NaOH \rightarrow $+$ NH₂