Complete the following reactions. Circle the most favored products.

1.
$$NH$$
 + $-CI$ \longrightarrow

5.
$$\longrightarrow$$
 N $\xrightarrow{\text{H}_2/\text{Ni}}$

7.
$$+$$
 NaOH \rightarrow

9.
$$\longrightarrow$$
 $\mathring{\text{o}}$ Nå + HCI \longrightarrow

10.
$$+ \text{ HCI} + \text{ H}_2\text{O} \rightarrow$$

11.
$$\longrightarrow_{NH_2}$$
 + H_2O \Longrightarrow

12.
$$+ H_2O$$
 [H*]

13.
$$NH_2 + CI \rightarrow$$

15. OH
$$+$$
 OH $\underbrace{[H_2O]}_{OH}$

16.
$$+ NH_3 \xrightarrow{[-H_2 \circ]}$$

18.
$$^{\rm N}$$
 + ${\rm H_2O}$ + NaOH \rightarrow

19.
$$+ H_2O + NaOH \rightarrow$$

20.
$$+$$
 2 H₂O + HCl \rightarrow

Question 4:
$$+ H_2O$$

Question 7:
$$\stackrel{\circ}{\bigcirc}$$
 $\stackrel{\circ}{\mathsf{ONa}}$ $+ \longrightarrow_{\mathsf{NH}_2}$

Question 8:
$$+$$
 NH_2

Question 10:
$$\begin{matrix} \\ \\ \\ \\ \\ \end{matrix}$$
 $\begin{matrix} \\ \\ \\ \\ \end{matrix}$ $\begin{matrix} \\ \\ \\ \\ \end{matrix}$ $\begin{matrix} \\ \\ \\ \end{matrix}$ $\begin{matrix} \\ \\ \\ \\ \end{matrix}$ $\begin{matrix} \\ \\ \\ \end{matrix}$

Question 11:
$$\begin{array}{cc} H \\ -N \\ H \end{array}$$
 + OH-

Question 15:
$$-$$
 + H_2O

Question 16:
$$+ H_2O$$

Question 17:
$$+ H_2O$$

Question 19:
$$\stackrel{\circ}{\bigvee}$$
 $\stackrel{\circ}{\circ}$ * $+NH_{3(aq)}$