1. a) Fill in a truth table for the gate shown in the figure. What type of gate is this?
Gate = 

\[ \begin{array}{ccc}
X & Y & Z \\
\hline \\
& & \\
\end{array} \]

b) Fill a truth table for the gate shown in the figure. What type of gate is this?
Gate = 

\[ \begin{array}{ccc}
X & Y & Z \\
\hline \\
& & \\
\end{array} \]