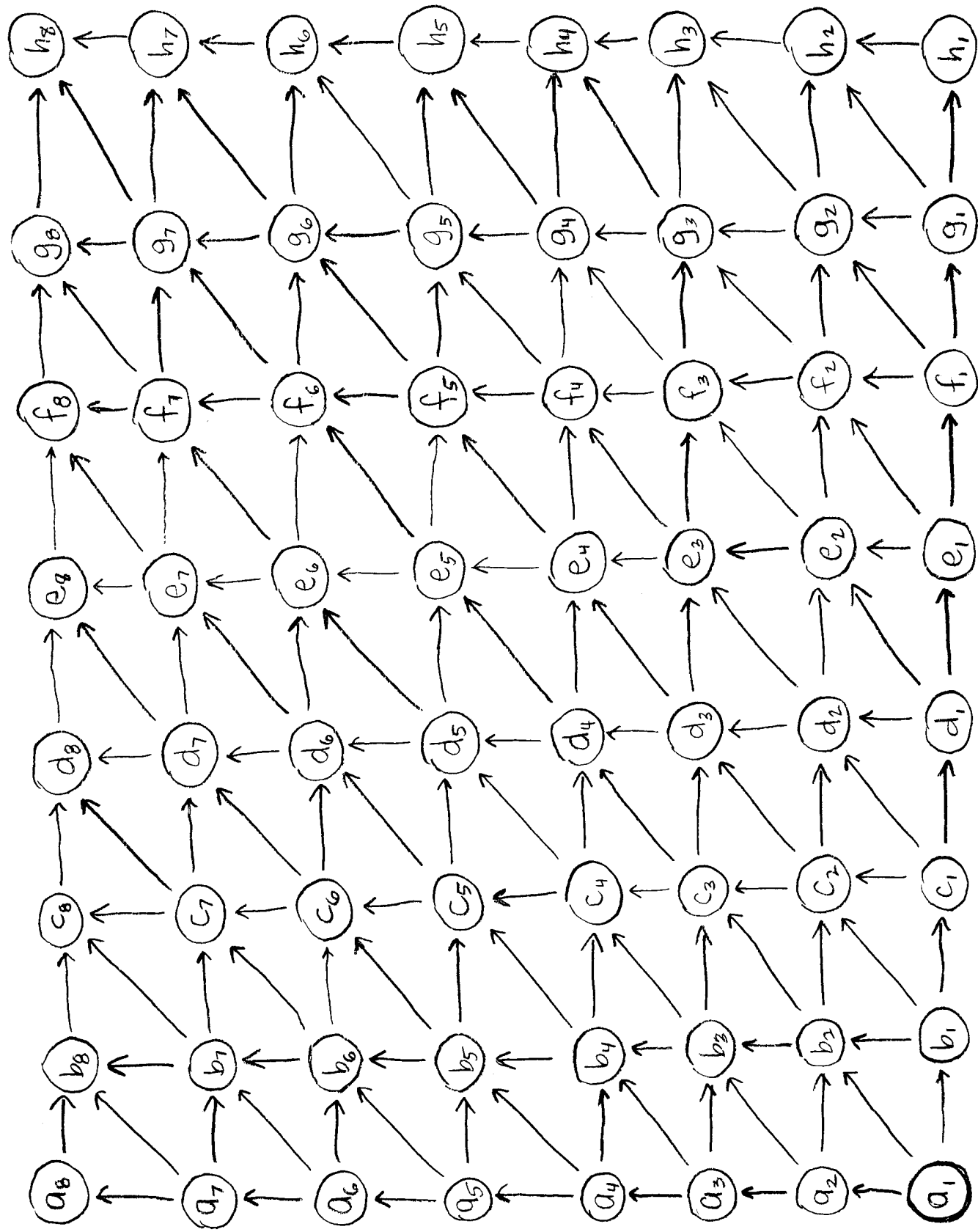Problem 1

variables are $a_1, \ldots, a_8, b_1, \ldots, b_8, \ldots, h_8$

$$\begin{array}{c} N \\ W + E \\ S \end{array}$$

— Machine St. —

— Learning Ave. —

(SW corner of map)