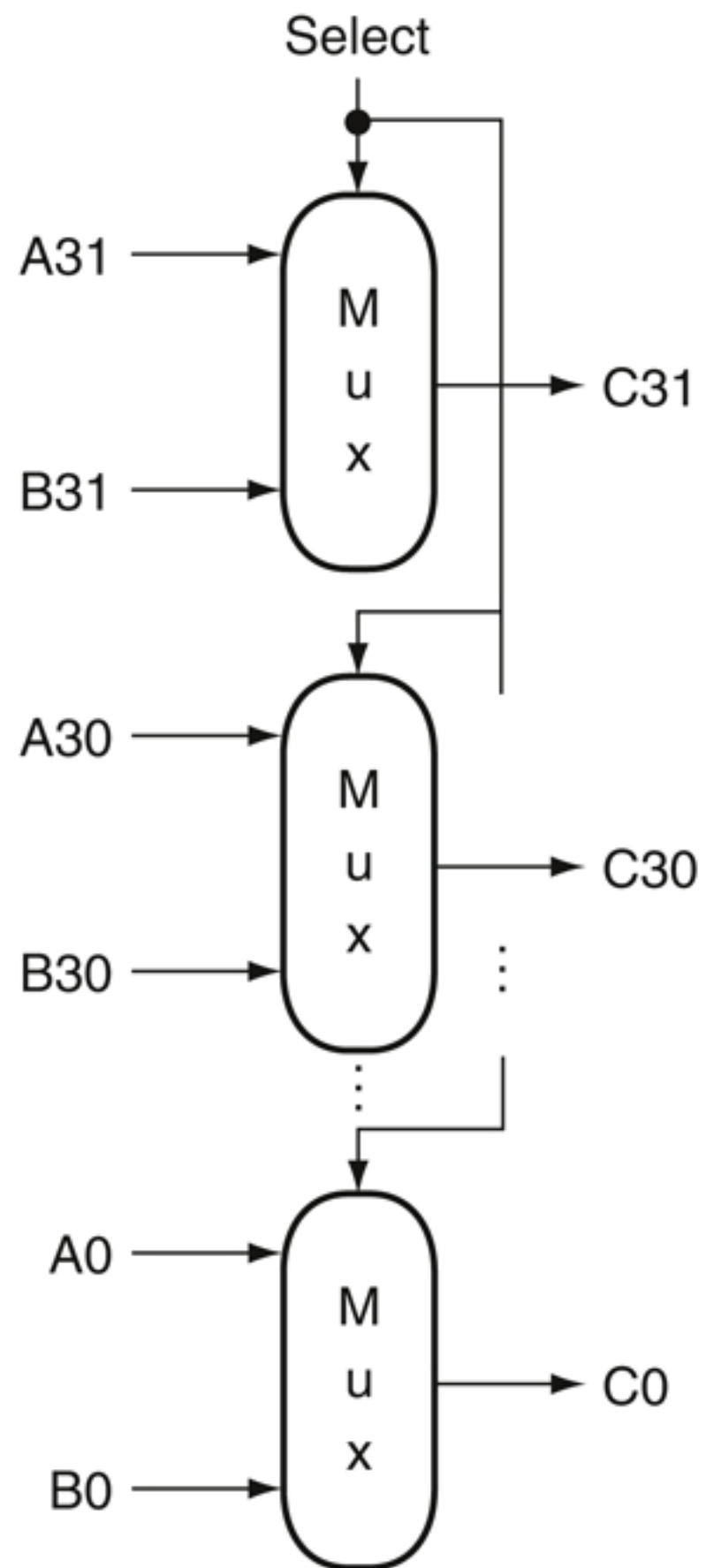


a. A 32-bit wide 2-to-1 multiplexor



b. The 32-bit wide multiplexor is actually an array of 32 1-bit multiplexors

FIGURE B.3.6 A multiplexor is arrayed 32 times to perform a selection between two 32-bit inputs. Note that there is still only one data selection signal used for all 32 1-bit multiplexors.