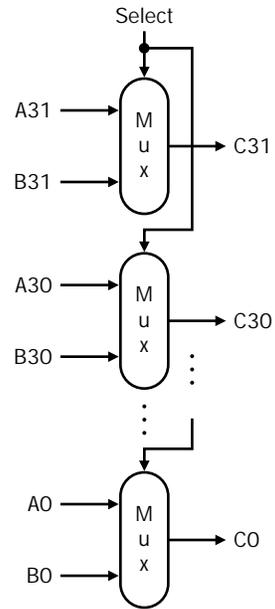


a. A 32-bit wide 2-to-1 multiplexor



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