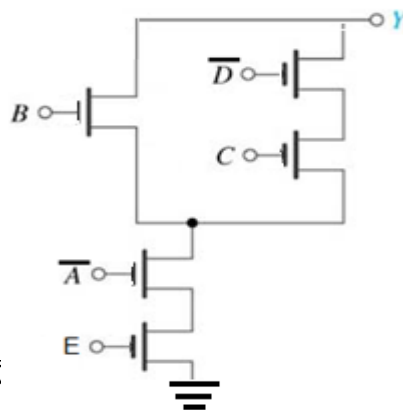


- If more resistors are added in a series circuit resistance will be
 - increased**
 - decreased
 - equal
 - constant

- In the state space model of a dynamic system with matrices A, B, C and D, what is the matrix B also called?
 - Direct transmission matrix.
 - Input (or control) matrix.**
 - State matrix.
 - Output matrix.

- Which function corresponds to the following pull-down-network



- $(\bar{A}.E).(B + C.\bar{L})$
- $(\bar{A} + E) + (B.(C + \bar{D}))$
- $(A.\bar{E}).(\bar{B} + \bar{C}.D)$
- $(A + \bar{E}) + (\bar{B}.(\bar{C} + D))$**