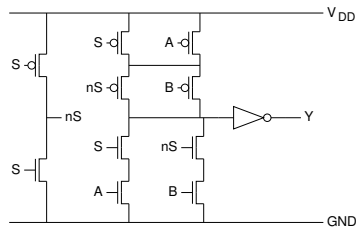# Circuit diagrams

Draw a ciruit diagram[1]
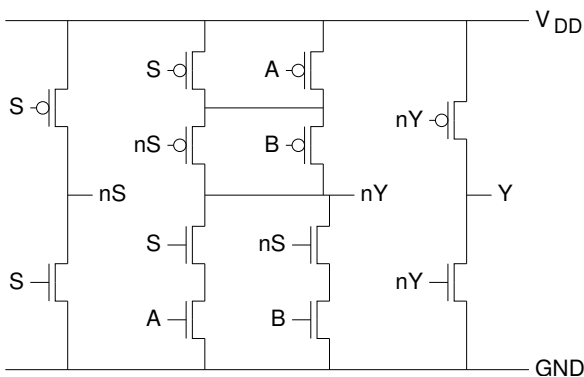
[1]also known as:

- circuit schematic diagram
- schematic diagram
- circuit schematic
- schematic

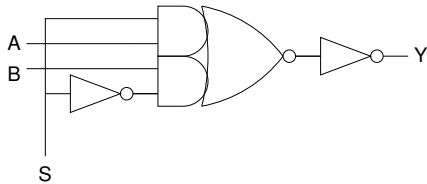# Circuit diagrams

Draw a gate level ciruit diagram

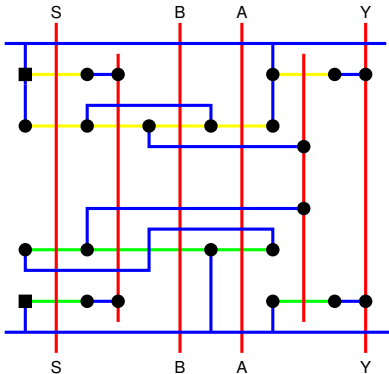a circuit diagram where all the elements are gates

Circuit diagrams

Draw a transistor level ciruit diagram

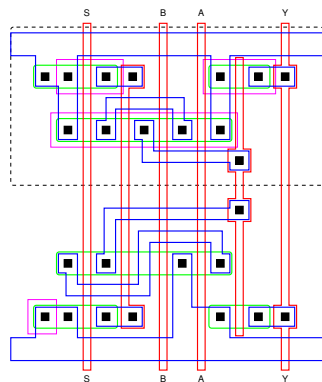a circuit diagram where all the elements are transistors

Layout diagrams

Draw a stick diagram
Derive[2] a stick diagram

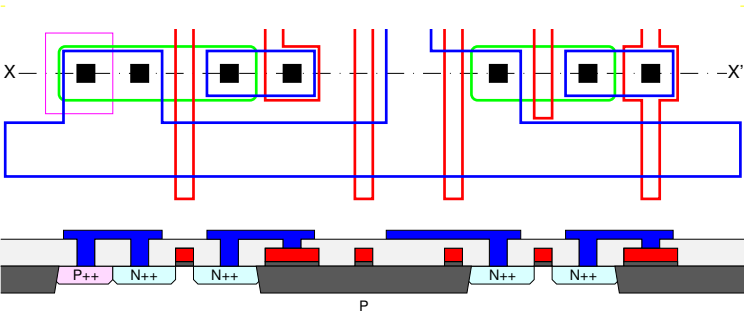[2]use of *derive* acts as a reminder to show your working

Layout diagrams

Draw a mask level layout
Sketch[3] a mask level layout

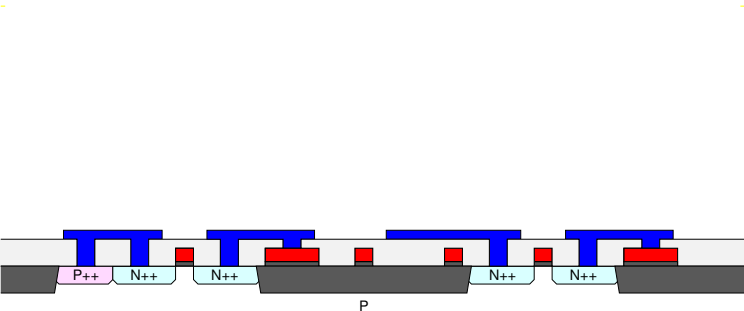[3]use of *sketch* acts as a reminder that a scale drawing is not required

Cross Sections

Draw a cross-sectional diagram
Draw a diagram showing a cross section through ...

Cross Sections

Draw a cross-sectional diagram
Draw a diagram showing a cross section through ...

Other Hints

- Remember coloured pencils

- Use standard colour codes (or give a key)
    - colour codes for stick diagrams do not relate one-to-one with those for masks

- Diagrams should be unambiguous
    - remember basic rules for crossing and connecting wiring

- Don't waste time on scale drawings if a simple sketch will suffice