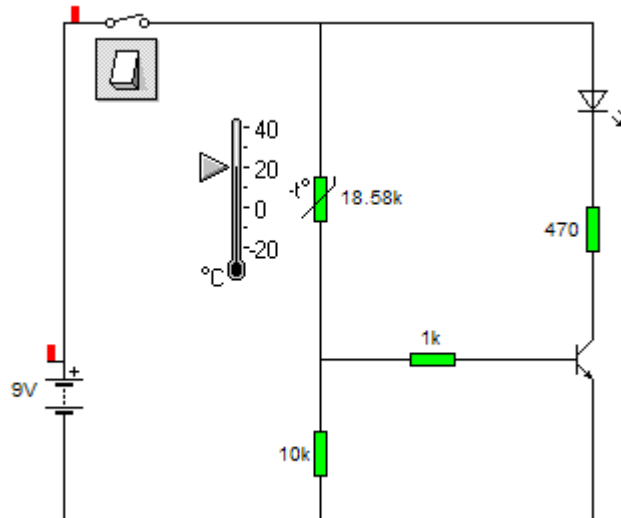


Electronics Exercise – Modelling

Answer the following questions in sentences

1. Why would a circuit be modelled before producing the final P.C.B.?
2. Give a benefit of modelling a circuit.
3. Give a consequence of not modelling a circuit.
4. What factors influence how a circuit is modelled?
5. List the different methods of modelling a circuit.
6. Name the modelling software available in this school.
7. Use the text book to evaluate the different methods of modelling available stating both good and bad points. Use your findings to select which method, in your opinion, is best, state reasons for your answer.

PCB Design Exercise



Your design department has asked you to convert the circuit simulation above into a PCB using PCB design software. The finished PCB must be as small as possible.

When you have finished your PCB print it off, make sure your name is on your work.