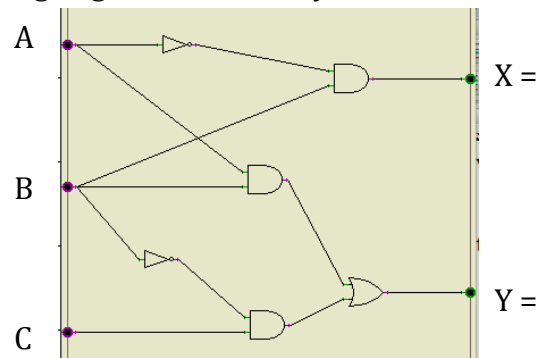


## Test Sheet 9

Use the test sheet to:

- Check your own progress
- Practice giving and receiving feedback by working with our course members.

1. Write Boolean expressions (one for each of the outputs X and Y) that correspond to the following Logic circuit. Use Python notation.



2. Complete the following truth table for output Y of the above circuit.

A	B	C	

3. Draw a circuit that corresponds to the following formula.

$$X = (A \text{ or } B) \text{ and } (A \text{ or not } C)$$

4. A GCSE pupil learning about logic circuits wants to know what logic circuits have to do with computers. Discuss with another member of the course how you can explain.