

Grade 8 Technology Worksheet

Gates 1

OR-logic

- 1.1 Draw the symbol for an OR gate. [3 marks]
1.2 Read the following paragraph:

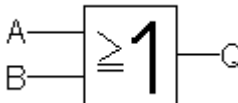
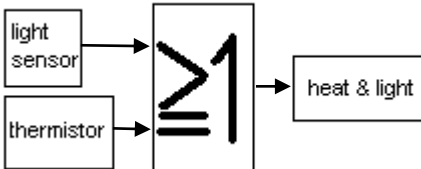
A fish tank makes use of two types of sensors to switch the water heater or light on. It uses a light sensor for when it gets dark and a thermistor for when the water gets too cold.

- 1.2.1 What type of logic makes use of this system? [1 mark]
1.2.2 Draw the system diagram for this fish tank. [6 marks]

[10 marks]

Grade 8 Technology Worksheet

Suggested Solutions

Question number	Possible marks	Answers
1	3 marks	1.1 
	1 mark 6 marks	1.2.1 OR-logic 1.2.2 

[10 marks]