

Logic gates AND, OR, NOT

Worksheet 2

- 1 The following logic circuit can be written as $Q = \text{NOT } (A \text{ AND } B)$.
Using the notation from Worksheet 1 write this expression again:



Q =

- 2 Rewrite the following expression using the notation from Worksheet 1.
(Hint: \wedge = and \vee = or)

$Q = (A \text{ OR } B) \text{ AND } C$

- 3 Draw the logic circuit for the above expression.