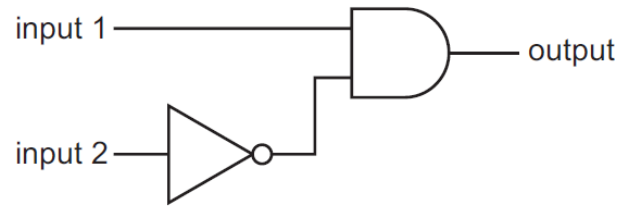


1. 0625/21/O/N/19/No.32

There are two inputs and one output for the combination of logic gates shown.



Which truth table represents the operation of this combination of logic gates?

A

input 1	input 2	output
0	0	0
0	1	0
1	0	1
1	1	1

B

input 1	input 2	output
0	0	0
0	1	0
1	0	1
1	1	0

C

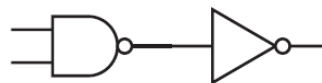
input 1	input 2	output
0	0	1
0	1	1
1	0	0
1	1	0

D

input 1	input 2	output
0	0	1
0	1	0
1	0	1
1	1	1

2. 0625/22/O/N/19/No.33

Which single logic gate behaves the same as the combination of logic gates shown?



A AND

B NOR

C NOT

D OR

An AND gate has two inputs and one output.

Which truth table represents the action of the AND gate?

A

input 1	input 2	output
0	0	0
0	1	1
1	0	1
1	1	1

B

input 1	input 2	output
0	0	0
0	1	0
1	0	0
1	1	1

C

input 1	input 2	output
0	0	1
0	1	1
1	0	1
1	1	0

D

input 1	input 2	output
0	0	1
0	1	0
1	0	0
1	1	0

