# Quiz

Total Time: 10 minutes

Question 1: Fill in the missing entries for the expression: A and not B and not C

1:0010

2:0011

3: 0 1 0 1

4: 1 1 1 1

A	в	С	Q
О	О	О	?
О	О	1	?
О	1	О	О
О	1	1	0
1	О	О	?
1	О	1	?
1	1	О	О
1	1	1 1	0

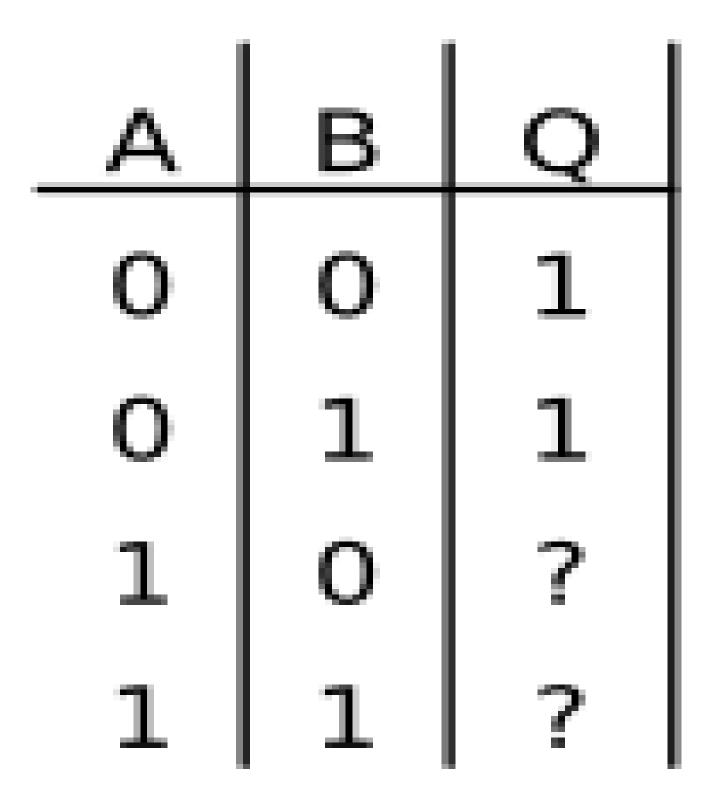
Question 2: Fill in the missing entries for the expression: not (A and not B)

1:00

2: 1 1

3: 1 0

4: 0 1



Question 3: Fill in the missing entries for the expression: A and not B or not C

1:1000

2:0101

3: 0 1 0 0

4: 0 1 1 0

	в	С	Q
О	О	О	1
О	О	1	?
О	1	О	?
О	1	1	О
1	О	О	1
1	О	1	1
1	1	О	?
1	1	1	?

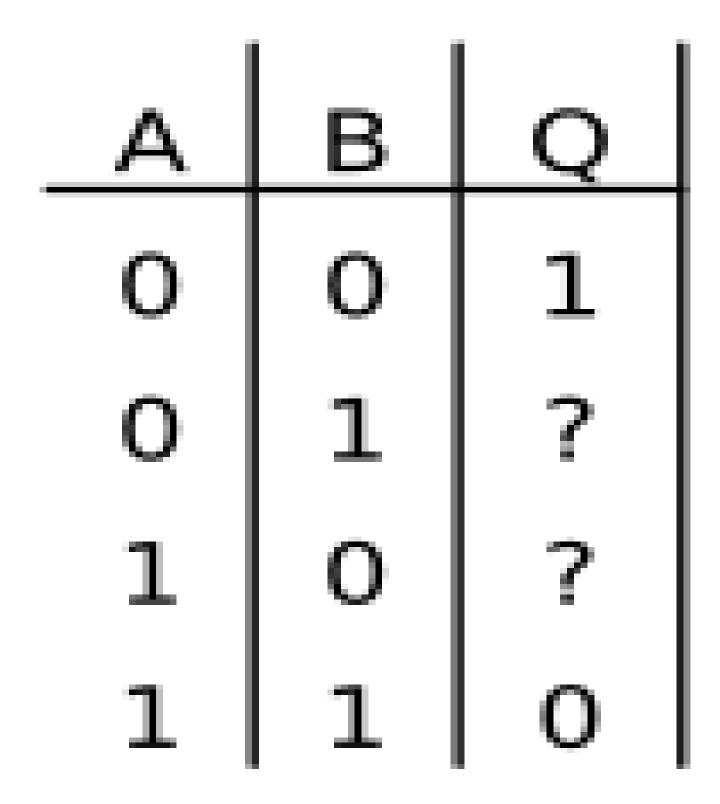
Question 4: Fill in the missing entries for the expression: not (A and B)

1:00

2: 1 1

3: 0 1

4: 1 0



Question 5: Fill in the missing entries for the expression: not (A and B or not C)

1:0000

2:0101

3: 1 1 0 0

4: 0 1 1 1

	В	С	Q
О	О	О	?
О	О	1	1
О	1	О	О
О	1	1	1
1	О	О	?
1	О	1	1
1	1	О	?
1	1	1	?

Question 6: Fill in the missing entries for the expression: not (A or B and C)

1:1101

2:0010

3: 1 0 0 0

4: 0 1 1 0

	В	С	Q
О	О	О	1
О	О	1	1
О	1	О	?
О	1	1	?
1	О	О	О
1	О	1	О
1	1	О	?
1	1	1	?

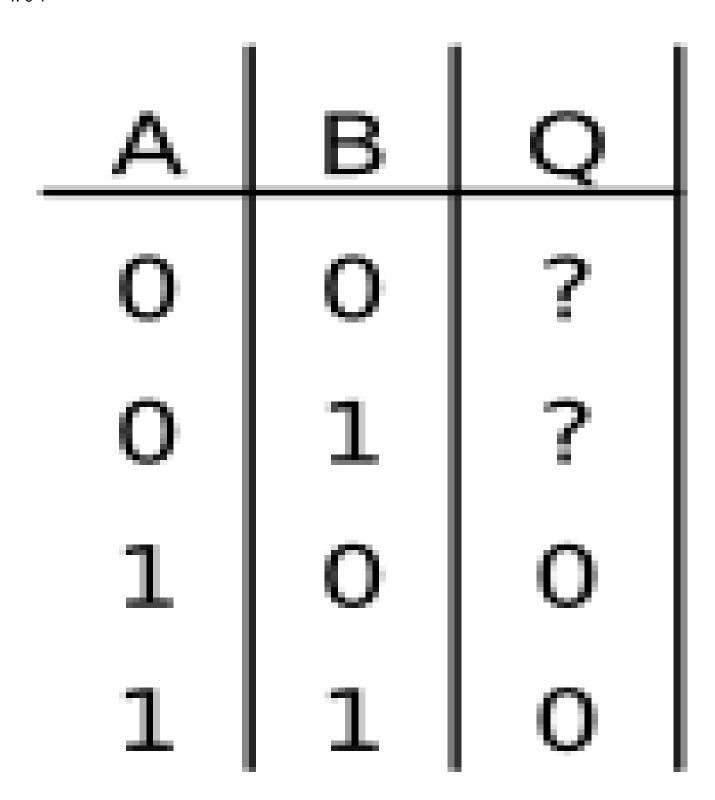
Question 7: Fill in the missing entries for the expression: not (A or B)

1: 1 0

2: 1 1

3: 0 0

4: 0 1



Question 8: Fill in the missing entries for the expression: A or B and not C

1:0011

2:0111

3: 0 0 0 0

4: 1 1 1 1

	в	С	Q
О	О	О	О
О	О	1	?
О	1	О	1
О	1	1	?
1	О	О	?
1	О	1	1
1	1	О	1
1	1	1	?

Question 9: Fill in the missing entries for the expression: A or B and C

1:0010

2:1111

3: 0 1 0 1

4: 1 0 1 0

	в	С	Q
О	О	О	О
О	О	1	О
О	1	О	О
О	1	1	?
1	О	О	1
1	О	1	?
1	1	О	?
1	1	1	?

Question 10: Fill in the missing entries for the expression: A and B and not C

1:1011

2:0001

3: 0 0 0 0

4: 0 1 1 0

	в	С	Q
О	О	О	?
О	О	1	О
О	1	О	О
О	1	1	О
1	О	О	?
1	О	1	?
1	1	О	1
1	1	1 1	?

#### **Answers**

Answer to Question 1:

Correct Option: 1: 0 0 1 0

A	в	С	Q
О	О	О	О
О	О	1	О
О	1	О	О
О	1	1	О
1	О	О	1
1	О	1	О
1	1	О	0
1	1	1	О

Correct Option: 4: 0 1

_	В	Q
0	0	1
0	1	1
1	0	0
1	1	1

Answer to Question 3:

Correct Option: 4: 0 1 1 0

A_	в	С	Q
О	О	О	1
О	О	1	О
О	1	О	1
О	1	1	О
1	О	О	1
1	О	1	1
1	1	О	1
1	1	1	0

Correct Option: 2: 1 1

A	В	Q
0	0	1
0	1	1
1	0	1
1	1	0

Answer to Question 5:

Correct Option: 1: 0 0 0 0

A	в	С	Q
О	О	О	О
О	О	1	1
О	1	О	О
О	1	1	1
1	О	О	0
1	О	1	1
1	1	О	О
1	1	1	0

Answer to Question 6:

Correct Option: 3: 1 0 0 0

A	В	С	Q
О	О	О	1
О	О	1	1
О	1	О	1
О	1	1	О
1	О	О	О
1	О	1	О
1	1	О	О
1	1	1	0

Correct Option: 1: 1 0

_	В	Q
0	0	1
0	1	0
1	0	0
1	1	0

Answer to Question 8:

Correct Option: 1: 0 0 1 1

A	в	С	Q
О	О	О	О
О	О	1	О
О	1	О	1
О	1	1	О
1	О	О	1
1	О	1	1
1	1	О	1
1	1	1	1

Answer to Question 9:

Correct Option: 2: 1 1 1 1

A	в	С	Q
О	О	О	О
О	О	1	О
О	1	О	О
О	1	1	1
1	О	О	1
1	О	1	1
1	1	О	1
1	1	1	1

Answer to Question 10:

Correct Option: 3: 0 0 0 0

A	в	С	Q
О	О	О	О
О	О	1	О
О	1	О	О
О	1	1	О
1	О	О	О
1	О	1	О
1	1	О	1
1	1	1	О