# Quiz

Total Time: 15 minutes

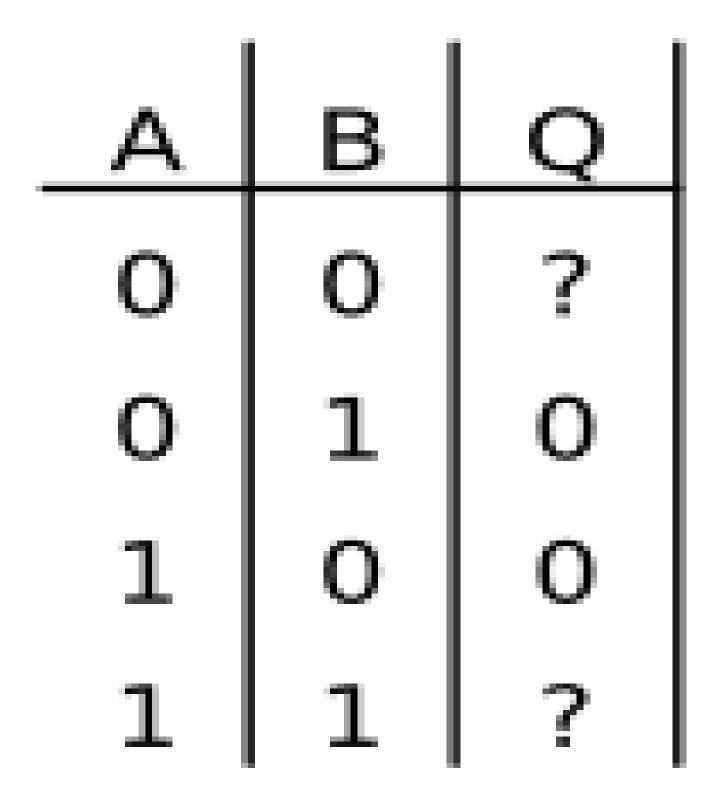
Question 1: Fill in the missing entries for the expression: A and B

1: 1 0

2: 1 1

3: 0 1

4: 0 0



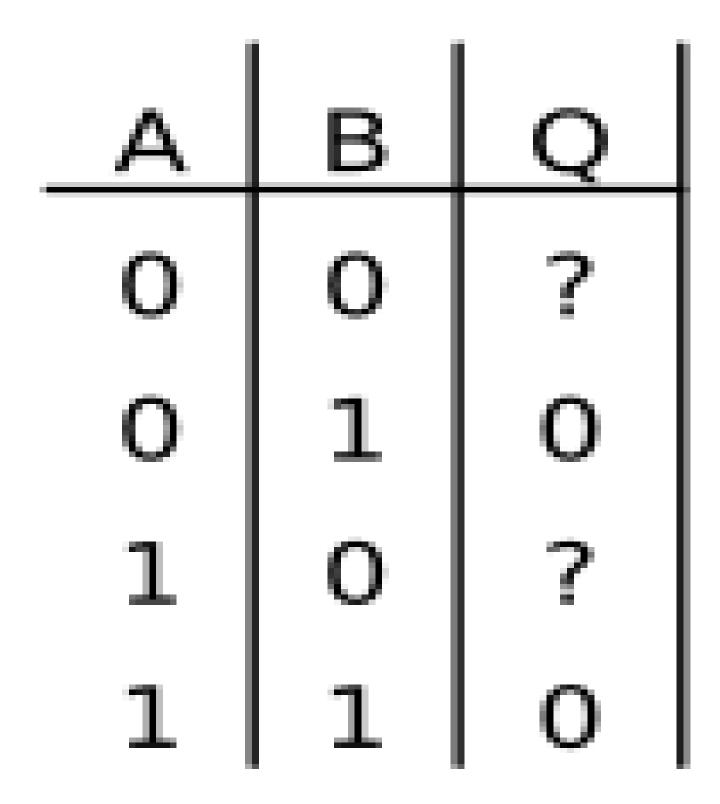
Question 2: Fill in the missing entries for the expression: A and not B

1: 1 0

2: 0 1

3: 1 1

4: 0 0



Question 3: Fill in the missing entries for the expression: A and B or C

1:1001

2:0101

3: 1 1 0 1

4: 0 0 0 1

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

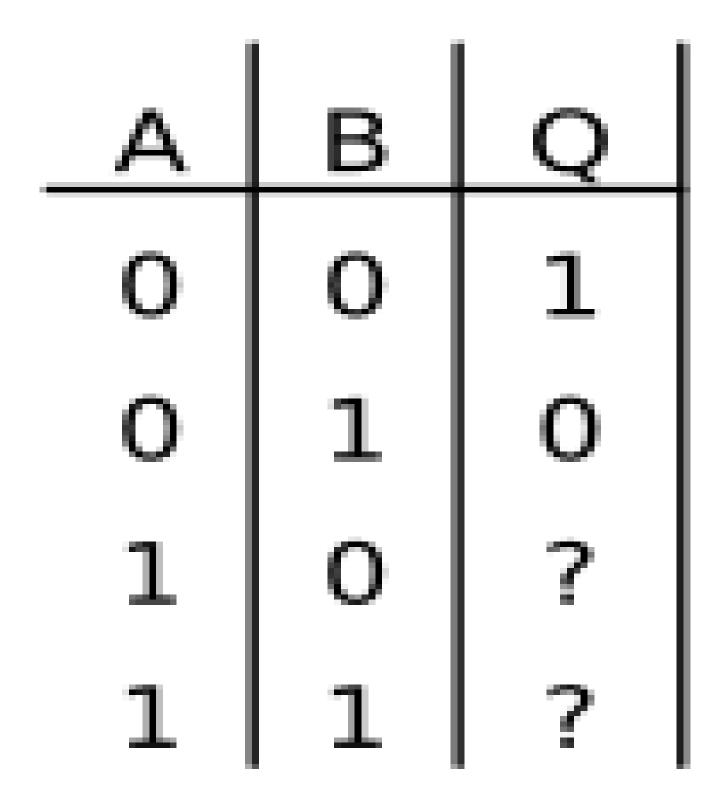
Question 4: Fill in the missing entries for the expression: not (A or B)

1: 0 1

2:00

3: 1 1

4: 1 0



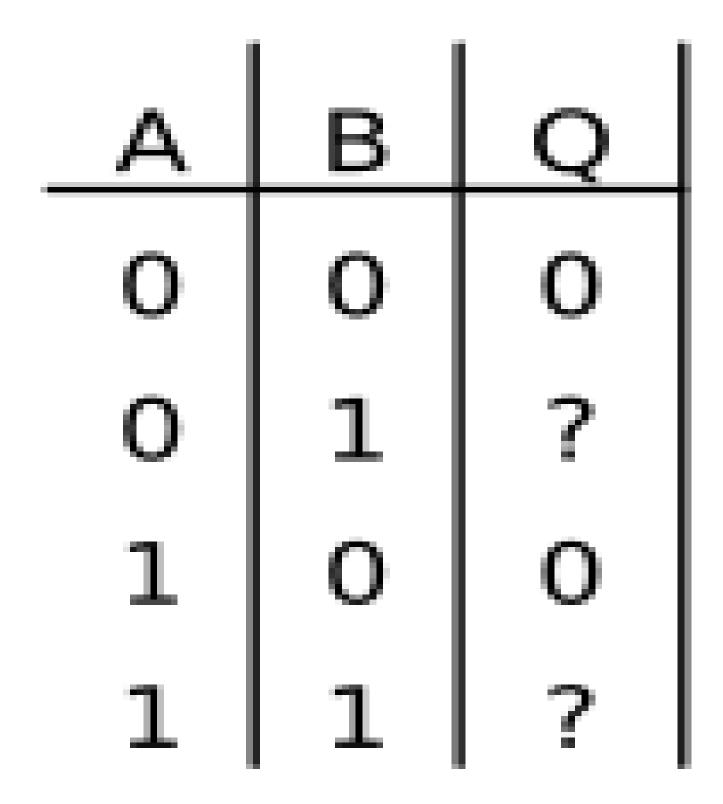
Question 5: Fill in the missing entries for the expression: not (A or not B)

1: 1 1

2:00

3: 0 1

4: 1 0

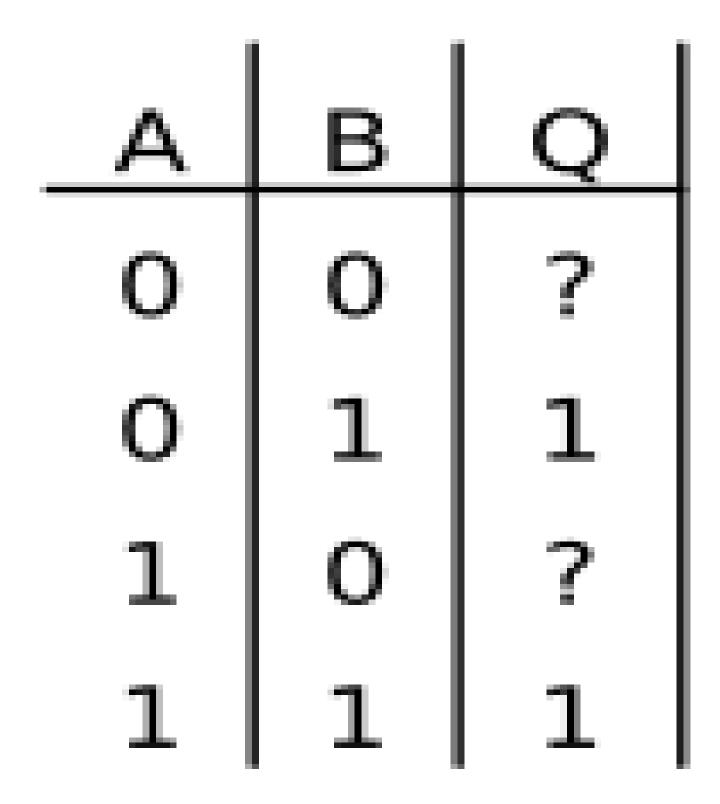


1: 0 1

2:10

3: 0 0

4: 1 1



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

1:0000

2:0101

3: 0 1 1 0

4: 1 1 1 1

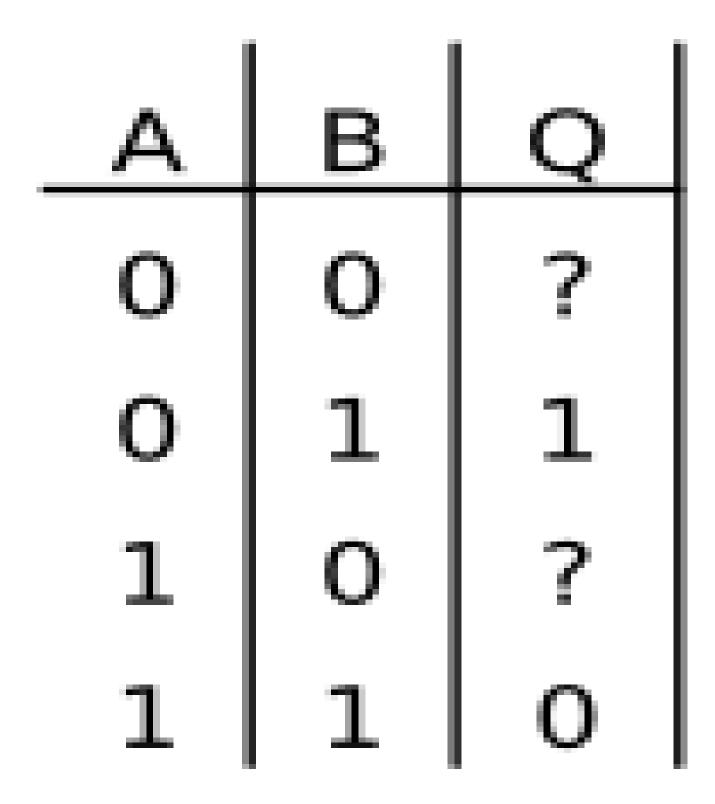
	В	С	Q
О	О	О	?
О	О	1	1
О	1	О	?
О	1	1	1
1	О	О	О
1	О	1	1
1	1	О	?
1	1	1	?

1: 1 1

2:00

3: 1 0

4: 0 1



Question 9: Fill in the missing entries for the expression: not (A and B and C)

1:1111

2: 0 1 1 1

3: 0 1 0 0

4: 1 0 0 1

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

Question 10: Fill in the missing entries for the expression: not (A or not B or not C)

1:1011

2: 0 0 0 0

3:0010

4:0011

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

Question 11: Fill in the missing entries for the expression: A and not B or C

1:1010

2:0111

3: 0 1 0 0

4: 0 1 1 0

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

Question 12: Fill in the missing entries for the expression: A or not B and C

1:1010

2: 0 0 0 0

3: 1 1 0 1

4: 1 0 0 1

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

Question 13: Fill in the missing entries for the expression: A and not B or not C

1:1000

2:0010

3: 1 1 1 1

4: 1 1 0 1

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

Question 14: Fill in the missing entries for the expression: A or B or C

1:1000

2:0111

3: 0 0 0 1

4:0100

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

Question 15: Fill in the missing entries for the expression: not (A or not B and not C)

1:0111

2: 1 0 0 0

3: 1 1 0 0

4: 0 0 0 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	О	О
1	1	1	О

#### **Answers**

Correct Option: 3: 0 1

_	В	Q
0	0	0
0	1	0
1	0	0
1	1	1

Correct Option: 2: 0 1

A	В	Q
0	0	0
0	1	0
1	0	1
1	1	0

Answer to Question 3:

Correct Option: 2: 0 1 0 1

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

Correct Option: 2: 0 0

A	В	Q
0	0	1
0	1	0
1	0	0
1	1	0

Correct Option: 4: 1 0

_	В	Q
0	0	0
0	1	1
1	0	0
1	1	0

Answer to Question 6:

Correct Option: 1: 0 1

A	В	Q
0	0	0
0	1	1
1	0	1
1	1	1

Answer to Question 7:

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	О
1	О	1	1
1	1	О	О
1	1	1	О

Answer to Question 8:

Correct Option: 1: 1 1

A	В	Q
0	0	1
0	1	1
1	0	1
1	1	0

Answer to Question 9:

Correct Option: 1: 1 1 1 1

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

Answer to Question 10:

Correct Option: 2: 0 0 0 0

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

Answer to Question 11:

Correct Option: 1: 1 0 1 0

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

Answer to Question 12:

Correct Option: 4: 1 0 0 1

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

Correct Option: 3: 1 1 1 1

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: 0 1 1 1

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

Answer to Question 15:

Correct Option: 3: 1 1 0 0

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