Quiz

Total Time: 5 minutes

Question 1: Fill in the missing entries for the expression: not (A and B)
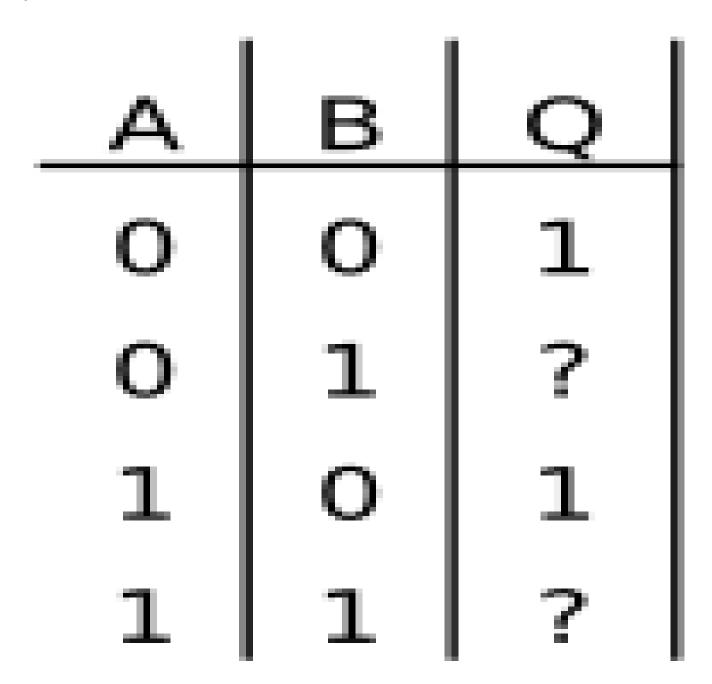
Options:

1: 0 0

2: 1 1

3: 1 0

4: 0 1

A	B	Q
0	0	1
0	1	?
1	0	1
1	1	?

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

Options:

1: 1 0 1 0

2: 1 1 1 1

3: 1 1 1 0

4: 1 0 0 0

A	B	C	Q
0	0	0	?
0	0	1	0
0	1	0	?
0	1	1	?
1	0	0	0
1	0	1	0
1	1	0	?
1	1	1	0

Question 3: Fill in the missing entries for the expression: not (A or B)

Options:

1: 1 1

2: 0 0

3: 1 0

4: 0 1

A	B	Q
0	0	1
0	1	?
1	0	0
1	1	?

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

Options:

1: 0 0 0 0

2: 0 1 0 1

3: 1 0 0 1

4: 0 1 0 0

A	B	C	Q
0	0	0	0
0	0	1	0
0	1	0	?
0	1	1	?
1	0	0	1
1	0	1	0
1	1	0	?
1	1	1	?

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

Options:

1: 1 1 0 1

2: 0 0 1 0

3: 1 1 1 1

4: 1 0 1 1

A	B	C	Q
0	0	0	?
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	?
1	0	1	?
1	1	0	0
1	1	1	?

Answers

Answer to Question 1:

Correct Option: 3: 1 0

A	B	Q
0	0	1
0	1	1
1	0	1
1	1	0

Answer to Question 2:

Correct Option: 4: 1 0 0 0

A	B	C	Q
0	0	0	1
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

Answer to Question 3:

Correct Option: 2: 0 0

A	B	Q
0	0	1
0	1	0
1	0	0
1	1	0

Answer to Question 4:

Correct Option: 1: 0 0 0 0

A	B	C	Q
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	0

Answer to Question 5:

Correct Option: 3: 1 1 1 1

A	B	C	Q
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	1
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	1