Question 1: What is the truth table for the expression: A and not B or not C

Option 1:

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

Option 2:

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

Option 3:

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

Option 4:

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

Correct Answer: Option 2

Question 2: What is the truth table for the expression: not (A or B or not C)

Option 1:

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

Option 2:

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

Option 3:

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

Option 4:

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

Correct Answer: Option 1

Question 3: What is the truth table for the expression: not (A and B and C)

Option 1:

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

Option 2:

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

Option 3:

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

Option 4:

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

Correct Answer: Option 3

Question 4: What is the truth table for the expression: not (A and B)

Option 1:

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

Option 2:

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

Option 3:

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

Option 4:

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

Correct Answer: Option 4