

Question 1: What is the truth table for the expression:

not A and B and C

A	B	C	not A and B and C
0	0	0	0
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

Question 2: What is the truth table for the expression:

A and B and not C

A	B	C	A and B and not C
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	1
1	1	1	0

Question 3: What is the truth table for the expression:

A and not (B and not C)

A	B	C	A and not (B and not C)
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	1

Question 4: What is the truth table for the expression:

A and not (not B and C)

A	B	C	Result
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	1
1	1	1	1

Question 5: What is the truth table for the expression:

A and not (B and not C)

A	B	C	Result
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	1
1	0	1	1
1	1	0	0
1	1	1	1

Question 6: What is the truth table for the expression:

not A and not (B and C)

A	B	C	not A and not (B and C)
0	0	0	1
0	0	1	1
0	1	0	1
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	0
1	1	1	0

Question 7: What is the truth table for the expression:

A and not (B and not C)

A	B	C	Result
0	0	0	0
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	1

Question 8: What is the truth table for the expression:

A and B and not C

A	B	C	A and B and not C
0	0	0	0
0	0	1	0
0	1	0	0
0	1	1	0
1	0	0	0
1	0	1	0
1	1	0	1
1	1	1	0



Question 9: What is the truth table for the expression:

not (A and B) and not C

A	B	C	not (A and B) and not C
0	0	0	1
0	0	1	0
0	1	0	1
0	1	1	0
1	0	0	1
1	0	1	0
1	1	0	0
1	1	1	0

