

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

A	B	C	D	E	Q
0	0	0	0	0	0
0	0	0	1	0	?
0	0	0	1	1	0
0	0	1	0	0	0
0	0	1	0	1	0
0	0	1	1	0	0
0	0	1	1	1	?
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	1
1	0	0	0	1	1
1	0	0	1	0	1
1	0	0	1	1	?
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	?

Answer:

[illegible]

Question 2: Fill in the missing entries for the expression: A or B or not C and D or not E

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	0	1	0
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	0
0	0	1	1	0	1
0	0	1	1	1	0
0	1	0	0	0	?
0	1	0	0	1	?
0	1	0	1	0	1
0	1	0	1	1	?
0	1	1	0	0	1
0	1	1	0	1	?
0	1	1	1	0	1
0	1	1	1	1	?
1	0	0	0	0	1
1	0	0	0	1	1
1	0	0	1	0	1
1	0	0	1	1	1
1	1	0	0	0	1
1	1	0	0	1	?
1	1	0	1	0	1
1	1	0	1	1	1
1	1	1	0	0	?
1	1	1	0	1	?
1	1	1	1	0	?
1	1	1	1	1	1

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	0
0	0	0	1	0	0
0	0	0	1	1	0
0	0	1	0	0	0
0	0	1	0	1	0
0	0	1	1	0	0
0	0	1	1	1	0
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	0
0	0	0	1	0	1
0	0	0	1	1	0
0	0	1	0	0	0
0	0	1	0	1	0
0	0	1	1	0	0
0	0	1	1	1	0
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	0
0	1	0	1	1	0
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0

Answer:

[illegible]



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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	1
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	1
0	1	0	1	1	1
0	1	1	0	0	0
0	1	1	0	1	0
0	1	1	1	0	0
0	1	1	1	1	0
1	0	0	0	0	1
1	0	0	0	1	1
1	0	0	1	0	1
1	0	0	1	1	1
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	0	1	0
0	0	0	1	0	?
0	0	0	1	1	?
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	1
0	1	0	0	0	1
0	1	0	0	1	1
0	1	0	1	0	1
0	1	0	1	1	?
0	1	1	0	0	1
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	1
1	0	0	0	0	1
1	0	0	0	1	1
1	0	0	1	0	1
1	0	0	1	1	1
1	1	0	0	0	1
1	1	0	0	1	1
1	1	0	1	0	1
1	1	0	1	1	1
1	1	1	0	0	1
1	1	1	0	1	1
1	1	1	1	0	1
1	1	1	1	1	1

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	?
0	0	0	1	0	0
0	0	0	1	1	0
0	0	1	0	0	?
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	?
0	1	0	0	0	1
0	1	0	0	1	0
0	1	0	1	0	1
0	1	0	1	1	?
0	1	1	0	0	1
0	1	1	0	1	0
0	1	1	1	0	1
0	1	1	1	1	?
1	0	0	0	0	1
1	0	0	0	1	0
1	0	0	1	0	1
1	0	0	1	1	1
1	1	0	0	0	?
1	1	0	0	1	1
1	1	0	1	0	?
1	1	0	1	1	?
1	1	1	0	0	1

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	0
0	0	1	1	0	1
0	0	1	1	1	1
0	1	0	0	0	0
0	1	0	0	1	0
0	1	0	1	0	1
0	1	0	1	1	1
0	1	1	0	0	1
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	1
1	0	0	0	0	0
1	0	0	0	1	0
1	0	0	1	0	0
1	0	0	1	1	0
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	0
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	0
1	1	1	1	1	0

Answer:

[illegible]



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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	0	1	0
0	0	0	1	0	?
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	?
0	1	0	0	0	1
0	1	0	0	1	1
0	1	0	1	0	?
0	1	0	1	1	1
0	1	1	0	0	1
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	1
1	0	0	0	0	1
1	0	0	0	1	0
1	0	0	1	0	1
1	0	0	1	1	1
1	1	0	0	0	0
1	1	0	0	1	0
1	1	0	1	0	?
1	1	0	1	1	0
1	1	1	0	0	0
1	1	1	0	1	0
1	1	1	1	0	?
1	1	1	1	1	0

Answer:

A	B	C	D	E	F
1	1	1	1	1	0
2	1	1	0	0	0
3	1	0	0	0	0
4	1	0	0	0	0
5	1	0	0	0	0
6	1	0	0	0	0
7	1	0	0	0	0
8	1	0	0	0	0
9	1	0	0	0	0
10	1	0	0	0	0
11	1	0	0	0	0
12	1	0	0	0	0
13	1	0	0	0	0
14	1	0	0	0	0
15	1	0	0	0	0
16	1	0	0	0	0
17	1	0	0	0	0
18	1	0	0	0	0
19	1	0	0	0	0
20	1	0	0	0	0
21	1	0	0	0	0
22	1	0	0	0	0
23	1	0	0	0	0
24	1	0	0	0	0
25	1	0	0	0	0
26	1	0	0	0	0
27	1	0	0	0	0
28	1	0	0	0	0
29	1	0	0	0	0
30	1	0	0	0	0
31	1	0	0	0	0
32	1	0	0	0	0
33	1	0	0	0	0
34	1	0	0	0	0
35	1	0	0	0	0
36	1	0	0	0	0
37	1	0	0	0	0
38	1	0	0	0	0
39	1	0	0	0	0
40	1	0	0	0	0
41	1	0	0	0	0
42	1	0	0	0	0
43	1	0	0	0	0
44	1	0	0	0	0
45	1	0	0	0	0
46	1	0	0	0	0
47	1	0	0	0	0
48	1	0	0	0	0
49	1	0	0	0	0
50	1	0	0	0	0
51	1	0	0	0	0
52	1	0	0	0	0
53	1	0	0	0	0
54	1	0	0	0	0
55	1	0	0	0	0
56	1	0	0	0	0
57	1	0	0	0	0
58	1	0	0	0	0
59	1	0	0	0	0
60	1	0	0	0	0
61	1	0	0	0	0
62	1	0	0	0	0
63	1	0	0	0	0
64	1	0	0	0	0
65	1	0	0	0	0
66	1	0	0	0	0
67	1	0	0	0	0
68	1	0	0	0	0
69	1	0	0	0	0
70	1	0	0	0	0
71	1	0	0	0	0
72	1	0	0	0	0
73	1	0	0	0	0
74	1	0	0	0	0
75	1	0	0	0	0
76	1	0	0	0	0
77	1	0	0	0	0
78	1	0	0	0	0
79	1	0	0	0	0
80	1	0	0	0	0
81	1	0	0	0	0
82	1	0	0	0	0
83	1	0	0	0	0
84	1	0	0	0	0
85	1	0	0	0	0
86	1	0	0	0	0
87	1	0	0	0	0
88	1	0	0	0	0
89	1	0	0	0	0
90	1	0	0	0	0
91	1	0	0	0	0
92	1	0	0	0	0
93	1	0	0	0	0
94	1	0	0	0	0
95	1	0	0	0	0
96	1	0	0	0	0
97	1	0	0	0	0
98	1	0	0	0	0
99	1	0	0	0	0
100	1	0	0	0	0

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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	1	0	1
0	0	0	1	1	?
0	0	1	0	0	1
0	0	1	0	1	?
0	0	1	1	0	0
0	0	1	1	1	?
0	1	0	0	0	?
0	1	0	0	1	0
0	1	0	1	0	?
0	1	0	1	1	0
0	1	1	0	0	?
0	1	1	0	1	0
0	1	1	1	0	?
0	1	1	1	1	0
1	0	0	0	0	?
1	0	0	0	1	0
1	0	0	1	0	?
1	0	0	1	1	0
1	1	0	0	0	?
1	1	0	0	1	?
1	1	1	0	0	?
1	1	1	0	1	?
1	1	1	1	0	?
1	1	1	1	1	0

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	1	0	1
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	1
0	1	0	0	0	1
0	1	0	0	1	1
0	1	0	1	0	1
0	1	0	1	1	1
0	1	1	0	0	1
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	1
1	0	0	0	0	1
1	0	0	0	1	1
1	0	0	1	0	1
1	0	0	1	1	1
1	0	1	0	0	1
1	0	1	0	1	1
1	0	1	1	0	1
1	0	1	1	1	1
1	1	0	0	0	1
1	1	0	0	1	1
1	1	0	1	0	1
1	1	0	1	1	1
1	1	1	0	0	1
1	1	1	0	1	1
1	1	1	1	0	1
1	1	1	1	1	1

Answer:

[illegible]

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

A	B	C	D	E	Q
0	0	0	0	0	1
0	0	0	0	1	?
0	0	0	1	0	?
0	0	0	1	1	1
0	0	1	0	0	1
0	0	1	0	1	1
0	0	1	1	0	1
0	0	1	1	1	?
0	1	0	0	0	1
0	1	0	0	1	1
0	1	0	1	0	1
0	1	0	1	1	?
0	1	1	0	0	1
0	1	1	0	1	1
0	1	1	1	0	1
0	1	1	1	1	?
1	0	0	0	0	0
1	0	0	0	1	?
1	0	0	1	0	?
1	0	0	1	1	1
1	0	1	0	0	1
1	0	1	0	1	1
1	0	1	1	0	1
1	0	1	1	1	1
1	1	0	0	0	1
1	1	0	0	1	1
1	1	0	1	0	1
1	1	0	1	1	1
1	1	1	0	0	1
1	1	1	0	1	1
1	1	1	1	0	1
1	1	1	1	1	1

Answer:

[illegible]