

11.1

①

T F T T
F F T F
0.4 0.6

F T T F F
✓ ✓
0.8

T T T F F
0.6

F T T F
(1/1)

②

F T T F F
✓
0.6

F T T T F
- -
0.4

F F T F F
✓ ✓
0.8

F F T F T
(1/1)

11.2

① $a^2 + b^2$ even \wedge a & b odd

② $\exists a, n \in \mathbb{N}, a^2 + 35 = 7^n$