

11

1. a, b, c , $a \geq b \geq c$ $a + b + c \leq 1$.
 $a^2 + 3b^2 + 5c^2 \leq 1$

2. ,
 .
 ?

3.
 $x^8 - x^7 + 2x^6 - 2x^5 + 3x^4 - 3x^3 + 4x^2 - 4x + \frac{5}{2} = 0$?

4. PABCD ABCD
 4. ,
 .

5. 2016 , ,
 ,
 .
 1009 ,
 ,
 .