

1. ,
,
(6)

2. , $p = 100a + 10b + c$ 37,
 $q = 100b + 10c + a$ $r = 100c + 10a + b$ 37 (a, b, c —).
(6)

3. $n,$

$$1 < x < 2, 2 < x^2 < 3, \dots, n < x^n < n + 1$$

(6)

4. , m $n,$ 1,
 $\sqrt[n]{m}$ $\sqrt[m]{n}$ $\sqrt[3]{3}.$ (6
)

5. , ,
(6)