

Exercise 6 (Баpмнт 2)

| N | OTBET |
|---|---------|
| 3 | 128115 |
| 4 | 2996 |
| 6 | 576234 |
| 8 | 176/171 |

③ BCE - HET HOPPEH и y y n x

$$13 \cdot 14^4 - 13^5 = 499408 - 371293 = 128115$$

OTBET 128115

④ a b b a a c c c b

$$0=0 \quad 011002221 = 3^7 + 3^6 + 2 \cdot 3^3 + 2 \cdot 3^2 + 2 \cdot 3 + 1 = 2995_{10}$$

$$b=1$$

$$c=2$$

$$2995 + 1 = 2996$$

OTBET : 2996

⑥ 1) $3585 - 1 = 3584$

2) $3584 = 1792 \cdot 2 + 0$

$1792 = 597 \cdot 3 + 1$

$597 = 149 \cdot 4 + 1$

$149 = 29 \cdot 5 + 4$

$29 = 4 \cdot 6 + 5$

$4 = 0 \cdot 7 + 4$

$(154110)!$

3) $\begin{matrix} 4 & 7654321 & 5 \\ 5 & 764321 & 7 \\ 4 & 64321 & 6 \\ 1 & 4321 & 2 \\ 1 & 431 & 3 \\ 0 & 41 & 1 \\ \emptyset & 4 & 4 \end{matrix}$

OTBET : 576234

⑧
$$1 - \frac{11}{11+8} \cdot \frac{10}{10+8} = \frac{232}{342}$$

$$= \frac{116}{171}$$

OTBET : 116 / 171