Яо мвнт крис лиюнемь

ИАЗ вариант 2

НОМЕР	ОТВЕТ
1	C_{22}^{18}
2	C_{104}^{79}
3	53760
4	~~8085~~ bddcacc
5	59
6	~~(30548271)~~ 4135762
7	
8	$196/195$

3)

$$8 \cdot \frac{8!}{3!} = 53760$$

4)

$A = \{a, b, c, d\}$

$a = 0$
$b = 1$
$c = 2$
$d = 3$

8075

$(8075)_{10} \rightarrow$

$$\begin{array}{r} 2018 \\ 4\overline{)8075} \\ 80 \\ \hline 7 \\ 4 \\ \hline 35 \\ 32 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 504 \\ 4\overline{)2018} \\ 20 \\ \hline 18 \\ 16 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 126 \\ 4\overline{)504} \\ 48 \\ \hline 24 \\ 24 \\ \hline 0 \end{array}$$

$$\begin{array}{r} 31 \\ 4\overline{)126} \\ 12 \\ \hline 6 \\ 4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 7 \\ 4\overline{)31} \\ 28 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ 4\overline{)7} \\ 4 \\ \hline 3 \end{array}$$

$(1332023)_4 \implies (133 20 22)_4 \implies bddcacc$

5)

$\{5\}$ или $\{2\}$ $-2\{10\}$

$55 + 8 - 2\{2\}$

$63 - 4$

$\underline{59}$

6)

$21961 = 2915 \quad 2195$

$2195 = 1097 \cdot 2 + 1$

$1097 = 365 \cdot 3 + 2$

$365 = 91 \cdot 4 + 1$

$91 = 18 \cdot 5 + 1$

$18 = 3 \cdot 6 + 0$

$3 = 0 \cdot 7 + 3$

$(3011221)!$

$$\begin{array}{r|r} 3 \quad 7654321 & 4 \\ 0 \quad 765321 & 2 \\ 1 \quad 76532 & 3 \\ 1 \quad 7652 & 5 \\ 2 \quad 762 & 7 \\ 1 \quad 62 & 6 \\ 0 \quad 2 & 2 \end{array}$$

$41 35 762$

8/

$$1 - \frac{10}{26} \cdot \frac{9}{25} \cdot \frac{8}{24}$$

$$1 - \frac{720}{15600} = \frac{15600 - 720}{15600} = \frac{14884}{15600}$$

$$\boxed{\frac{196}{195}}$$