

Номер варианта совпадает с номером в списке группы.

1.

abbaba	→	aabbbaa
aaa	→	abab
abba	→	baaab
bbbb	→	ba

2.

babab	→	aabab
bbaab	→	bbbab
bbb	→	bb
abaaab	→	baba
aaa	→	ε
bbaaaab	→	ε
ababbab	→	ababaab

baab	→	baa
bbabbbaa	→	bbaaa
aabbabba	→	bbaa
aabaababb	→	bbb
baababbbaa	→	bbabbabba

3.

abbc	→	cbba
accb	→	bcca
baac	→	caab
cb	→	bc
ca	→	ab

4.

fgh	→	fff
fgh	→	ggg
fgh	→	hhh
hh	→	hfhgh
gggg	→	ε

5.

cc	→	aa
aaa	→	aa
aaba	→	ababaabcba
aacb	→	aa
aabc	→	aa
aba	→	a

abc	→	aa
aca	→	abba
acb	→	abb
baa	→	aa
bb	→	aaaba
caa	→	aa
cac	→	ε
cba	→	caca
cbc	→	c

6.

aab	→	ba
aba	→	b
baa	→	ab
bba	→	abb
aaaa	→	a
aaa	→	bbbbbb
aa	→	babbbb

7.	aaaa → a	bbb → baabb
	aaab → b	bbaaa → baab
	bbba → ba	bbaab → baa
	bbbb → bb	bbabb → abab
	ababb → babb	baba → baa
	bba → baaba	babbba → babba
		babbab → abb

8.	apbc → caqdbapbap
	paqd → daqdbapbap
	ccpp → adaqdqa
	dpd → pdp

9.	aaaa → ab	aaabab → baabb
	abbb → bba	baabb → aabab
	babb → bb	baabab → bab
	aabb → aaba	bbabab → bb
	bbbaa → bb	baabaab → a
		bab → baaaaab

10.	caa → ac
	acb → adb
	ad → daaa
	bd → bc

11.	aaa → bab
	bbb → aaa

12.	JFF → EID	FFI → HGH
	CFG → IC	FHDQ → FHEDQ
	GF → GG	HA → JH
	IC → JI	HE → HDD
	AD → BD	GGA → HCE
		IBB → DDI

13.	aaa → aaab
	aabb → abab
	aa → aba
	aaab → ab
	bbb → baaaa

14.	ac → c	ccc → c
	aa → ba	aaa → aa
	bc → c	aab → ba
	ca → aa	abb → aba
	cb → bc	bbb → bba

15. $\begin{array}{ll} abca & \rightarrow aaaa \\ bcab & \rightarrow bbbb \\ cabc & \rightarrow cccc \\ abc & \rightarrow aaa \\ abc & \rightarrow bbb \\ abc & \rightarrow ccc \\ aabbcc & \rightarrow abcabc \end{array}$
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16. $\begin{array}{ll} ddnn & \rightarrow dd \\ ddoo & \rightarrow dd \\ oouu & \rightarrow uu \\ ttuu & \rightarrow ttccdd \\ ddff & \rightarrow ffdd \\ ddgg & \rightarrow uugg \\ ffuu & \rightarrow uuff \end{array} \quad \begin{array}{ll} nnuu & \rightarrow uu \\ fftt & \rightarrow ffnn \\ ttff & \rightarrow ttccnn \\ ccnn & \rightarrow nncc \\ ccoo & \rightarrow oocc \\ ccoo & \rightarrow oo \\ ccff & \rightarrow ffcc \\ ccuu & \rightarrow uucc \\ ccdd & \rightarrow ddcc \end{array}$
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17. $\begin{array}{ll} baaa & \rightarrow aaab \\ aabb & \rightarrow abab \\ aa & \rightarrow bab \\ aaab & \rightarrow ab \\ bbb & \rightarrow b \end{array}$
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18. $\begin{array}{ll} bb & \rightarrow d \\ bb & \rightarrow c \\ cc & \rightarrow cdde \\ ddd & \rightarrow ac \\ aa & \rightarrow bc \\ bc & \rightarrow abba \end{array}$
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19. $\begin{array}{ll} bpb & \rightarrow abapba \\ p & \rightarrow aba \\ apa & \rightarrow bb \\ abba & \rightarrow baab \end{array}$
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20. $\begin{array}{ll} cb & \rightarrow ba \\ aaa & \rightarrow aa \\ aba & \rightarrow ba \\ ac & \rightarrow cc \\ baa & \rightarrow ba \\ bba & \rightarrow ba \\ bbb & \rightarrow b \\ bbc & \rightarrow c \\ bcc & \rightarrow cc \end{array} \quad \begin{array}{ll} ba & \rightarrow cab \\ cac & \rightarrow cc \\ bab & \rightarrow cac \\ ccc & \rightarrow c \\ babb & \rightarrow ba \\ babc & \rightarrow \varepsilon \\ baca & \rightarrow cabba \\ caab & \rightarrow bb \\ caac & \rightarrow bc \\ aabcaa & \rightarrow a \end{array}$
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21. $\begin{array}{ll} aa & \rightarrow bb \\ ccb & \rightarrow dca \\ a & \rightarrow dcc \\ cd & \rightarrow bc \end{array}$
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22. $\begin{array}{ll} aabc & \rightarrow bbaa \\ b & \rightarrow ccaa \\ bc & \rightarrow a \\ aac & \rightarrow \varepsilon \end{array}$
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23. $\begin{array}{ll} babb & \rightarrow bbbab \\ baabb & \rightarrow babbaab \\ baaabb & \rightarrow baabbbaab \\ bbbb & \rightarrow abab \\ aaaa & \rightarrow a \end{array}$
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24. $\begin{array}{ll} aa & \rightarrow \varepsilon \\ bb & \rightarrow cccc \\ cc & \rightarrow acb \\ abc & \rightarrow aabbcc \\ baabaac & \rightarrow cbba \end{array}$
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25. $\begin{array}{ll} bbb & \rightarrow bab \\ abab & \rightarrow bab \\ abba & \rightarrow aba \\ babb & \rightarrow abb \\ bbab & \rightarrow bab \\ aaaaa & \rightarrow a \\ aaaba & \rightarrow bba \\ aaaabb & \rightarrow bb \\ abb & \rightarrow abaaaa \\ abaaab & \rightarrow ab \end{array}$
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26. $\begin{array}{ll} ab & \rightarrow br \\ raa & \rightarrow dr \\ ara & \rightarrow ad \\ da & \rightarrow aad \\ dd & \rightarrow abdar \end{array}$
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27. $\begin{array}{ll} as & \rightarrow sa \\ babs & \rightarrow absa \\ babb & \rightarrow css \\ cs & \rightarrow abab \\ abaa & \rightarrow baba \end{array}$
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28. $\begin{array}{ll} abcde & \rightarrow debca \\ cb & \rightarrow acc \\ dd & \rightarrow edcba \\ e & \rightarrow d \end{array}$