

1	AAB__ABB	A__BABBA	33	42
AAABBB__	AABAB__B	AABB__BA	ABBAAB__	ABB__AAB
AAA__BBB	AA__BBAB	AA__BBBA	A__AABBB	A__BBAAB
2	AAABBB__	AABBA__B	34	AAABB__B
AAABB__B	15	AA__ABBB	ABBAA__B	43
AAA__BBB	AAB__BAB	25	A__AABBB	ABB__ABA
3	AABBA__B	ABABA__B	35	A__BBABA
AAAB__BB	AA__ABBB	A__BABAB	ABBABA__	AABBB__A
AAABBB__	16	AABB__AB	A__ABABB	AA__BBBA
4	AAB__BBA	AA__BBAB	AAB__ABB	AABBA__B
AAA__BBB	AABBB__A	AAABBB__	AABAB__B	AA__ABBB
AAA__BBB	AA__BBBA	26	AA__BBAB	44
5	AABBA__B	ABABBA__	AAABBB__	ABB__BAA
AABABB__	AA__ABBB	A__BBABA	36	A__BBBAA
AA__BBBA	17	AABBB__A	ABBAB__A	AAABBB__
AABBA__B	AA__ABBB	AA__BBBA	A__ABBBB	45
AA__ABBB	AAAB__BB	AABBA__B	AAB__BBA	AB__AABB
6	18	AA__ABBB	AABBB__A	ABAA__BB
AABAB__B	AA__BABB	27	AA__BBBA	A__ABABB
AA__BBAB	AAABB__B	ABABB__A	AABBA__B	AAB__ABB
AAABBB__	19	A__BBBAA	AA__ABBB	AABAB__B
7	AA__BBAB	AAABBB__	37	AA__BBAB
AABA__BB	AAABBB__	28	ABBA__AB	AAABBB__
AA__BABB	20	ABAB__AB	A__ABBAB	46
AAABB__B	AA__BBBA	A__BBAAB	AAB__BAB	AB__ABAB
8	AABBA__B	AAABB__B	AABBA__B	ABAB__AB
AABBAB__	AA__ABBB	29	AA__ABBB	A__BBAAB
AA__ABBB	21	ABAB__BA	38	AAABB__B
9	ABAABB__	A__BBABA	ABBA__BA	47
AABBA__B	A__ABBBB	AABBB__A	A__ABBBB	AB__ABBA
AA__ABBB	AAB__BBA	AA__BBBA	AAB__BBA	ABAB__BA
10	AABBB__A	AABBA__B	AABBB__A	A__BBABA
AABBBB__	AA__BBBA	AA__ABBB	AA__BBBA	AABBB__A
AA__BABB	AABBA__B	30	AABBA__B	AA__BBBA
AAABB__B	AA__ABBB	ABA__ABB	AA__ABBB	AABBA__B
11	22	A__BAABB	39	AA__ABBB
AABBB__A	ABAAB__B	AAAB__BB	ABBBAA__	48
AA__BBBA	A__ABBAB	31	A__BAABB	AB__BAAB
AABBA__B	AAB__BAB	ABA__BAB	AAAB__BB	ABBA__AB
AA__ABBB	AABBA__B	A__BABAB	40	A__ABBAB
12	AA__ABBB	AABB__AB	ABBBB__A	AAB__BAB
AABB__AB	23	AA__BBAB	A__BABBA	AABBA__B
AA__BBAB	ABAA__BB	AAABBB__	AABB__BA	AA__ABBB
AAABBB__	A__ABABB	32	AA__BBBA	49
13	AAB__ABB	ABA__BBA	AABBA__B	AB__BABA
AABB__BA	AABAB__B	A__BABBA	AA__ABBB	ABBA__BA
AA__BBBA	AA__BBAB	AABB__BA	41	A__ABBBB
AABBA__B	AAABBB__	AA__BBBA	ABBB__AA	AAB__BBA
AA__ABBB	24	AABBA__B	A__BBBAA	AABBB__A
14	ABABAB__	AA__ABBB	AAABBB__	AA__BBBA

AABBA__B	AA__ABBB	__ABBBAA	AABBA__B	AA__BBBA
AA__ABBB	60	AB__BBAA	AA__ABBB	AABBA__B
50	A__BBBAA	ABBB__AA	73	AA__ABBB
AB__BBAA	AAABBB__	A__BBBAA	BABAAB__	80
ABBB__AA	61	AAABBB__	__BAABBA	BABBA__A
A__BBBAA	BAAABB__	68	AAB__BBA	__BBABAA
AAABBB__	__AABBB	BAAB__AB	AABBB__A	ABBB__AA
51	AA__BBBA	__ABBAAB	AA__BBBA	A__BBBAA
A__AABBB	AABBA__B	AB__BAAB	AABBA__B	AAABBB__
AAA__BBB	AA__ABBB	ABBA__AB	AA__ABBB	81
52	62	A__ABBAB	74	BABB__AA
A__ABABB	BAAAB__B	AAB__BAB	BABAA__B	__BBBAAA
AAB__ABB	__AABBAB	AABBA__B	__BAABAB	AABBB__A
AABAB__B	AA__BBAB	AA__ABBB	AAB__BAB	AA__BBBA
AA__BBAB	AAABBB__	69	AABBA__B	AABBA__B
AAABBB__	63	BAAB__BA	AA__ABBB	AA__ABBB
53	BAAA__BB	__ABBABA	75	82
A__ABBAB	__AABABB	AB__BABA	BABABA__	BAB__AAB
AAB__BAB	AA__BABB	ABBA__BA	__BABABA	__BBAAAB
AABBA__B	AAABB__B	A__ABBB	ABB__ABA	AABB__AB
AA__ABBB	64	AAB__BBA	A__BBABA	AA__BBAB
54	BAABAB__	AABBB__A	AABBB__A	AAABBB__
A__ABBB	__ABABBA	AA__BBBA	AA__BBBA	83
AAB__BBA	AB__ABBA	AABBA__B	AABBA__B	BAB__ABA
AABBB__A	ABAB__BA	AA__ABBB	AA__ABBB	__BBAABA
AA__BBBA	A__BBABA	70	76	AABB__BA
AABBA__B	AABBB__A	BAA__ABB	BABAB__A	AA__BBBA
AA__ABBB	AA__BBBA	__ABAABB	__BABBAA	AABBA__B
55	AABBA__B	AB__AABB	ABB__BAA	AA__ABBB
A__BAABB	AA__ABBB	ABAA__BB	A__BBBAA	84
AAAB__BB	65	A__ABABB	AAABBB__	BAB__BAA
56	BAABA__B	AAB__ABB	77	__BBABAA
A__BABAB	__ABABAB	AABAB__B	BABA__AB	ABBB__AA
AABB__AB	AB__ABAB	AA__BBAB	__BABAAB	A__BBBAA
AA__BBAB	ABAB__AB	AAABBB__	ABB__AAB	AAABBB__
AAABBB__	A__BBAAB	71	A__BBAAB	85
57	AAABB__B	BAA__BAB	AAABB__B	BA__AABB
A__BABBA	66	__ABABAB	78	__BAAABB
AABB__BA	BAABBA__	AB__ABAB	BABA__BA	AAB__ABB
AA__BBBA	__ABBABA	ABAB__AB	__BABABA	AABAB__B
AABBA__B	AB__BABA	A__BBAAB	ABB__ABA	AA__BBAB
AA__ABBB	ABBA__BA	AAABB__B	A__BBABA	AAABBB__
58	A__ABBB	72	AABBB__A	86
A__BBAAB	AAB__BBA	BAA__BBA	AA__BBBA	BA__ABAB
AAABB__B	AABBB__A	__ABABBA	AABBA__B	__BAABAB
59	AA__BBBA	AB__ABBA	AA__ABBB	AAB__BAB
A__BBABA	AABBA__B	ABAB__BA	79	AABBA__B
AABBB__A	AA__ABBB	A__BBABA	BABBAA__	AA__ABBB
AA__BBBA	67	AABBB__A	__BBAABA	87
AABBA__B	BAABB__A	AA__BBBA	AABB__BA	BA__ABBA

__BAABBA	BBAA__BA	AABBA__B	109	115
AAB__BBA	__AABBB	AA__ABBB	BB__ABAA	B__ABABA
AABBB__A	AA__BBBA	102	__BBABAA	BAB__ABA
AA__BBBA	AABBA__B	BBA__BAA	ABBB__AA	__BBAABA
AABBA__B	AA__ABBB	__ABBBAA	A__BBBAA	AABB__BA
AA__ABBB	97	AB__BBAA	AAABBB__	AA__BBBA
88	BBABAA__	ABBB__AA	110	AABBA__B
BA__BAAB	__ABAABB	A__BBBAA	BB__BAAA	AA__ABBB
__BABAAB	AB__AABB	AAABBB__	__BBBAAA	116
ABB__AAB	ABAA__BB	103	AABBB__A	B__ABBA
A__BBAAB	A__ABABB	BBBAAA__	AA__BBBA	BAB__BAA
AAABB__B	AAB__ABB	__BAAABB	AABBA__B	__BBABAA
89	AABAB__B	AAB__ABB	AA__ABBB	ABBB__AA
BA__BABA	AA__BBAB	AABAB__B	111	A__BBBAA
__BABABA	AAABBB__	AA__BBAB	B__AAABB	AAABBB__
ABB__ABA	98	AAABBB__	BAA__ABB	117
A__BBABA	BBABA__A	104	__ABAABB	B__BAAAB
AABBB__A	__ABABBA	BBBAA__A	AB__AABB	BBA__AAB
AA__BBBA	AB__ABBA	__BAABBA	ABAA__BB	__ABBAAB
AABBA__B	ABAB__BA	AAB__BBA	A__ABABB	AB__BAAB
AA__ABBB	A__BBABA	AABBB__A	AAB__ABB	ABBA__AB
90	AABBB__A	AA__BBBA	AABAB__B	A__ABBAB
BA__BBAA	AA__BBBA	AABBA__B	AA__BBAB	AAB__BAB
__BABBA	AABBA__B	AA__ABBB	AAABBB__	AABBA__B
ABB__BAA	AA__ABBB	105	112	AA__ABBB
A__BBBAA	99	BBBA__AA	B__AABAB	118
AAABBB__	BBAB__AA	__BABBA	BAA__BAB	B__BAABA
91	__ABBBAA	ABB__BAA	__ABABAB	BBA__ABA
BBAAAB__	AB__BBAA	A__BBBAA	AB__ABAB	__ABBABA
__AAABBB	ABBB__AA	AAABBB__	ABAB__AB	AB__BABA
92	A__BBBAA	106	A__BBAAB	ABBA__BA
BBAAA__B	AAABBB__	BBB__AAA	AAABB__B	A__ABBBA
__AAABBB	100	__BBBAAA	113	AAB__BBA
93	BBA__AAB	AABBB__A	B__AABBA	AABBB__A
BBAABA__	__ABBAAB	AA__BBBA	BAA__BBA	AA__BBBA
__AABABB	AB__BAAB	AABBA__B	__ABABBA	AABBA__B
AA__BABB	ABBA__AB	AA__ABBB	AB__ABBA	AA__ABBB
AAABB__B	A__ABBAB	107	ABAB__BA	119
94	AAB__BAB	BB__AAAB	A__BBABA	B__BABAA
BBAAB__A	AABBA__B	__BBAAAB	AABBB__A	BBA__BAA
__AABBB	AA__ABBB	AABB__AB	AA__BBBA	__ABBBAA
AA__BBBA	101	AA__BBAB	AABBA__B	AB__BBAA
AABBA__B	BBA__ABA	AAABBB__	AA__ABBB	ABBB__AA
AA__ABBB	__ABBABA	108	114	A__BBBAA
95	AB__BABA	BB__AABA	B__ABAAB	AAABBB__
BBAA__AB	ABBA__BA	__BBAABA	BAB__AAB	120
__AABBAB	A__ABBB	AABB__BA	__BBAAAB	B__BBAAA
AA__BBAB	AAB__BBA	AA__BBBA	AABB__AB	BBB__AAA
AAABBB__	AABBB__A	AABBA__B	AA__BBAB	__BBBAAA
96	AA__BBBA	AA__ABBB	AAABBB__	AABBB__A

AA__BBBA	AA__ABBB	ABB__BAA
AABBA__B	129	A__BBBAA
AA__ABBB	__ABBABA	AAABBB__
121	AB__BABA	137
__AAABBB	ABBA__BA	__BBAAAB
AA__ABBB	A__ABBBA	AABB__AB
122	AAB__BBA	AA__BBAB
__AABABB	AABBB__A	AAABBB__
AA__BABB	AA__BBBA	138
AAABB__B	AABBA__B	__BBAABA
123	AA__ABBB	AABB__BA
__AABBAB	130	AA__BBBA
AA__BBAB	__ABBBAA	AABBA__B
AAABBB__	AB__BBAA	AA__ABBB
124	ABBB__AA	139
__AABBBAA	A__BBBAA	__BBABAA
AA__BBBA	AAABBB__	ABBB__AA
AABBA__B	131	A__BBBAA
AA__ABBB	__BAAABB	AAABBB__
125	AAB__ABB	140
__ABAABB	AABAB__B	__BBBAAA
AB__AABB	AA__BBAB	AABBB__A
ABAA__BB	AAABBB__	AA__BBBA
A__ABABB	132	AABBA__B
AAB__ABB	__BAABAB	AA__ABBB
AABAB__B	AAB__BAB	
AA__BBAB	AABBA__B	
AAABBB__	AA__ABBB	
126	133	
__ABABAB	__BAABBA	
AB__ABAB	AAB__BBA	
ABAB__AB	AABBB__A	
A__BBAAB	AA__BBBA	
AAABB__B	AABBA__B	
127	AA__ABBB	
__ABABBA	134	
AB__ABBA	__BABAAB	
ABAB__BA	ABB__AAB	
A__BBABA	A__BBAAB	
AABBB__A	AAABB__B	
AA__BBBA	135	
AABBA__B	__BABABA	
AA__ABBB	ABB__ABA	
128	A__BBABA	
__ABBAAB	AABBB__A	
AB__BAAB	AA__BBBA	
ABBA__AB	AABBA__B	
A__ABBAB	AA__ABBB	
AAB__BAB	136	
AABBA__B	__BABBAA	