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F7+K27/V,78g!c3f2!H9! /!677/E;!T! 3,834Q!94!9F27/E!387+E!+48!7d6/7EE34Q!F273/!9C!4!K,7+/,H!+48!
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c3,,!4778f9!2+L7!2+/8!K9637E!9C!F27!7+834Q! ? +F7/3+,E!34!K,+EE!+48!F+P7!49F7E!TH!2+480S,,!K9! /E7!
? +F7/3+,E!E,387E;!+48!2+489! FE!c3,,!T7!+L+3,+T,7!94!M+4L+E!+48!K9637E!c3,,!T7!83EF/3T! F780!

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K9,,7+Q! 7E0!Z!4!6+/f3K! ,+;!H9! !+/7!+EP78!f9!K94F/3T! F7!F9!F27!,7+/434Q!74L3/94? 74F!TH!T734Q!6/9? 6F!+48!
K9! /F79! E;!49F!7+f34Q!8! /34Q!K,+EE!+48!49F!C+,P34Q!34!+48!9! F!9/!F+,P34Q!34+66/96/3+f7,H!9/!9! F!9C!F! /40!
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+48!87? +48E!94!F273/!F3? 7!34!+883f394!f9!F7+K234Q!+48!F27H!+/7!49F!+L+3,+T,7!F9!E!F! 874FE!+F!+, ,!F3? 7E0!
D7/7!+/7!E9? 7! ? 7F298E!9C!7E67KF34Q!H9! /!34EF/! Kf9/p!E!F3? 7!f+48!H9! /Eg!9! FE387!9C!K,+EE!

- o B/34Q!C9K! E78!] I 7EF394E!c274!H9! !+FF748!9CC3K7!29! /E!+48!T7!E! /7!F9!K94F+Kf!H9! /!34EF/! Kf9/!34!+!
F3? 7,H!C+E2394!3C!H9! !c3,,!49F!T7!+T,7!F9!P776!+!EK278! ,78!+66934F? 74F0!
- o O274!c/3f34Q!+4!7? +3,;!T7!E! KK34Kf!+48!6/7E74F!H9! /!] I 7EF394E!+E!K,7+/,H!+E!69EE3T,7!+ ,C+HE! E7!+4!
+66/96/3+f7!F947;!E3Q!4H9! /!4+? 7;!+48!6/99C/7+8!H9! /!7? +3,E0!
- o SL938!7? +3,34Q!H9! /!34EF/! Kf9/!+T9! F! ? +FF7/E!F2+F!K+4!T7!+88/7EE78!34!67/E94!T7C9/7!9!+CF7/!K,+EE0!

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SK+87? 3K!83E2947EFH!3E! I 4+KK76F+T,7!+48!c3,,!49F!T7!F9,7+/f78!+!f!o7E23L+!i 43L7/E3FH!M27+f34Q!c9/Q7/H!
83E2947EF!K948! Kf;!+48!6,+Q3+/3E? !7/987!o! IE!78! K+f394+,!7E7+/K2!+48!E9K3+,!EF+48+/8E0!527H!87L+, I 7!
F27!,7+/434Q!7d67/374K7!+48!3FE!,7Q3F3? +KH!49F!94,H!C9/!F27!67/67F+/F9/E!T! F!C9/!F27!74F3/7!K9? ? I 43FH0!ZF!3E!
3? 67+/f3L7!F2+f!H9! !C+? 3,3+/3h7!H9! /E7,C!c3f2!o! IE!SK+87? 3K!Z4F7Q/3FH!1F+f7? 74F!+, 94Q!c3f2!F23E!EH,,+T! E0!
ZF!3E!7EE74F3+,!F2+f!+, ,! ? 7? T7/E!9C!9! /!+K+87? 3K!K9? ? I 43FH!E! TEK/3T7!F9!F27!387+,!9C!+K+87? 3K!34F7Q/3FH!
+48!+KK76F!3483L38! +,!7E694E3T3,3FH!C9/!F273/!c9/P0!134K7!6,+Q3+/3E? !3E!+!E7/39! E!F/+4EQ/7EE394!9C!7F23KE!
+4H!34EF+4K7E!9C!6,+Q3+/3E? !c3,,!T7!6! /E! 78!F2/9! Q2!F27!+66/96/3+f7!83EK36,34+/H!K2+447,E!+, ,!34EF+4K7E!9C!
6,+Q3+/3E? !+/7!769/F78!F9!F27!. 7+4!+48! ? +H!T7K9? 7!+!6+/F!9C!H9! /!67/? +474F!C3,70! [74+,f37E!C9/!
6,+Q3+/3E? !/+407!C/9? !/7K73L34Q!+!C+3,34Q!Q/+87!94!F27!7EE+H!F9!/7K73L34Q!+!C+3,34Q!Q/+87!C9/!F27!K9! /E7;! ,9EE!
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,3P7!\$ [5g!+E!H9! /!9C!40! [,+Q3+/3E? !K+4!T7!+4!+Kf!9C!87,3T7+/f7!C/+! 8;!E! K2!+E!F! /434Q!34!c9/P!c29,,H!9/!
6+/f3+, ,H!K! FV+48V6+EF78!C/9? !F27!34F7/47F!+E!H9! /!9C!4! ? 3E! E7!9C!+/f3C3K3+,!34F7,,3Q74K7!f!S0Z!g!f!7K249,9QH!
,3P7!M2+f\$ [5!f87F+3,E!T7,9Cg;!9/!3F! ? +H!T7!+4!34+8L7/F74F!7/9/;!E! K2!+E!C9/Q7F34Q!F9!K3F7!+!E9! /K7!c29E7!
387+E!H9! !6+/+62/+E78!9/! ? 7+4F!F9!] I 9F70!S,F29! Q2!+, ,!34EF+4K7E! ? +H!49F!/7K73L7!F27!E+? 7!674+,FH!F27E7!
+/7!+, ,!C9/? E!9C!6,+Q3+/3E? !+48!H9! !+/7!7d67KF78!F9!P49C!+48!F+P7!7E694E3T3,3FH!C9/!H9! /!c/3f34Q!+48! E7!
9C!9! FE387!E9! /K7E0!

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523E!K9! /E7!C9,,9C!E!o7E23L+!i 43L7/E3FH!E!SK+87? 3K!Z4F7Q/3FH! [9,3KH!94!+/f3C3K3+,!34F7,,3Q74K7!f!Sg0!527! I E7!
9C!generative +/f3C3K3+,!34F7,,3Q74K7!9!+4H!6,+fC9/? !c3f2!Q747/+f3L7!+/f3C3K3+,!34F7,,3Q74K7!K+6+T3,3F37E!3E!

6/923T3F78!34!F23E!K9I /E7!527!! E7!9C!assistive!+/F3C3K3+,!34F7,,3Q74K7q 34K,I 834Q!Q/+?? ?+/!K27KP7/E;!E67,,!
K27KP7/E;!+48!83Q3F+,!F27E+I /I E7Eq 3E!+, ,9c78! [/7V+66/9L78!+EE3EF3L7!SZ!6,+FC9/? E!34K,I 87!E67,,!K27KP7/E!
+48!Q/+?? ?+/!K27KP7/E!34!k3K/9E9CF!O9/8!+48!\$99Q,7!. 9KI ? 74FE!\$/+?? ?+/ ,H;!+48!D7?? ?34QC+H!S4H!
6,+FC9/?!49F!,3EF78!+T9L7!3E!49F!+66/9L78!C9/!! E7!ZC!H9I !+/7!! 4E! /7!C27F27/!+!6,+FC9/?!9/!F7K249,9QH!3E!

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