

Node	Invariants	Pre Conditions	Gas Left Polynomial
Block68 (Start)	N/A	$a \geq 0 \wedge b \geq 0$	$263 + 100a^2 + 9b^2 + 69ab - 2a - 2b$
Block155 (Loop)	$s_2 \geq s_6 \wedge s_3 \geq s_7 \wedge s_6 \geq 0 \wedge s_7 \geq 0$	N/A	$111 + 97s^2 + 7s_3^2 - 84s_6^2 + s_7^2 + 73s_2s_3 - 2s_3s_7 - 65s_3s_6 - 2s_3 - 4s_6 + 2s_7$
Block167 (Loop)	$s_2 > s_6 \wedge s_3 \geq s_7 \wedge s_6 \geq 0 \wedge s_7 \geq 0$	N/A	$76 + 97s^2 + 6s_3^2 - 84s_6^2 + 73s_2s_3 - 65s_3s_6 - 4s_2 - 172s_6 - 65s_7$