Equation assignment sequence for variable y

no	var	equ	quations	token
18	20	-	$M^{B,\delta}{}_N$ :: port variable	
17	19	-	$M^{B,\gamma}{}_N$ :: port variable	
16	16	-	$K^{B,\delta}{}_A$ :: port variable	
15	8	-	$F_{N,A}$ :: port variable	
14	36	-	$D_{N,A}$ :: port variable	
13	15	-	$K^{B,\gamma}{}_A$ :: port variable	
12	3	-	$\#$ :: port variable	
11	1	-	t :: port variable	
10	24	10	$\pi^{B,\delta}{}_N := M^{B,\delta}{}_N \cdot y_N$	
9	23	9	$\pi^{B,\gamma}{}_N := M^{B,\gamma}{}_N \cdot y_N$	
8	5	2	$0 := \mathrm{Instantiate}(\#, \#)$	
7	28	15	$\hat{y}^{B,\delta}{}_N := F_{N,A} \overset{A}{\star} \left(K^{B,\delta}{}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\delta}{}_N \right)$	
6	27	14	$\hat{y}^{B,\gamma}{}_N := F_{N,A} \overset{A}{\star} \left(K^{B,\gamma}{}_A \cdot D_{N,A} \overset{N}{\star} \pi^{B,\gamma}{}_N \right)$	
5	7	4	$t_e := \mathrm{Instantiate}(t, \#)$	
4	6	3	$t_o := \mathrm{Instantiate}(t, \#)$	
3	30	33	$\dot{y}_N := \mathrm{Instantiate}(\dot{y}_N, 0)$	
2	30	17	$\dot{y}_N := \hat{y}^{B,\gamma}{}_N + \hat{y}^{B,\delta}{}_N$	
1	12	6	$y^o{}_N := \mathrm{Instantiate}(y_N, \#)$	

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no	var	equ	quations	token
0	10	21	$y_N := \int_{t_o}^{t_e} \dot{y}_N \ dt + y^o{}_N$	