

13	E -> (.S, E) / {;+} S -> .S ; S / {;} S -> .id := E / {;} S -> .print (L) / {;};	S -> 22 print -> 24
14	S -> print (L.) / {;} L -> L., E / {},}) -> 25 , -> 26
15	L -> E. / {},} E -> E.+ E / {}+}	+ -> 27
16	E -> id. / {}+}	
17	E -> num. / {}+}	
18	E -> (.S, E) / {}+} S -> .S ; S / {;} S -> .id := E / {;} S -> .print (L) / {;};	S -> 28 id -> 23 print -> 24
19	S -> id :=.E / {\$;} E -> .id / {\$;+} E -> .num / {\$;+} E -> .E + E / {\$;+} E -> .(S , E) / {\$;+}	E -> 29 id -> 30 num -> 31 (-> 32
20	S -> print(.L) / {\$;} L -> .E / {},} L -> .L , E / {},} E -> .id / {}+} E -> .num / {}+} E -> .E + E / {}+} E -> .(S , E) / {}+}	L -> 33 E -> 15 id -> 16 num -> 17 (-> 18
21	E -> E +.E / {;+} E -> .id / {;+} E -> .num / {;+} E -> .E + E / {;+} E -> .(S , E) / {;+}	E -> 34 id -> 11 num -> 12 (-> 13
22	E -> (S., E) / {;+} S -> S.; S / {;};	, -> 35 ; -> 36

23	S -> id.:= E / {,;}	= -> 37
24	S -> print.(L) / {,;}	(-> 38
25	S -> print (L). / {;}	
26	L -> L ., E / {},} E -> .id / {},} E -> .num / {},} E -> .E + E / {},} E -> .(S , E) / {},}	E -> 39 id -> 40 num -> 41 (-> 42
27	E -> E +.E / {}+} E -> .id / {}+} E -> .num / {}+} E -> .E + E / {}+} E -> .(S , E) / {}+}	E -> 43 id -> 16 num -> 17 (-> 18
28	E -> (S., E) / {}+} S -> S.; S / {,;}	, -> 44 ; -> 36
29	S -> id.= E / {\$;} E -> E.+ E / {\$;+}	+ -> 45
30	E -> id. / {\$;+}	
31	E -> num. / {\$;+}	
32	E -> (.S , E) / {\$;+} S -> .S ; S / {,;} S -> .id := E / {,;} S -> .print (L) / {,:} E -> .(S , E) / {}+}	S -> 46 id -> 23 print -> 24
33	S -> print (L.) / {\$;} L -> L., E / {},}) -> 47 , -> 26
34	E -> E + E. / {;+} E -> E.+ E / {;+}	+ -> 21

35	E -> (S ,.E) / {,+} E -> .id / {}+} E -> .num / {}+} E -> .E + E / {}+} E -> .(S , E) / {}+}	E -> 48 id -> 16 num -> 17 (-> 18
36	S -> S ;.S / {,;} S -> .S ; S / {,;} S -> .id := E / {,;} S -> .print (L) / {,;}	S -> 49 id -> 23 print -> 24
37	S -> id :=.E / {,;} E -> .id / {,;}+} E -> .num / {,;+} E -> .E + E / {,;}+} E -> .(S , E) / {,;}+}	E -> 50 id -> 51 num -> 52 (-> 53
38	S -> print(.L) / {,;} L -> .E / {},} L -> .L , E / {},} E -> .id / {}+} E -> .num / {}+} E -> .E + E / {}+} E -> .(S , E) / {}+}	L -> 54 E -> 15 id -> 16 num -> 17 (-> 18
39	L -> L , E. / {},} E -> E. + E / {},+}	+ -> 55
40	E -> id. / {},+}	
41	E -> num. / {},+}	
42	E -> (S , E) / {},+} S -> .S ; S / {,;} S -> .id := E / {,;} S -> .print (L) / {,;}	S -> 56 id -> 23 print -> 24
43	E -> E + E. / {}+} E -> E.+ E / {}+}	+ -> 27

44	E -> (S ,.E) / {}+} E -> .id / {}+} E -> .num / {}+} E -> .E + E / {}+} E -> .(S , E) / {}+}	E -> 57 id -> 16 num -> 17 (-> 18
45	E -> E + .E / {\$;+} E -> .id / {\$;+} E -> .num / {\$;+} E -> .E + E / {\$;+} E -> .(S , E) / {\$;+}	E -> 58 id -> 30 num -> 31 (-> 32
46	E -> (S., E) / {\$;+} S -> S.; S / {,;}	, -> 36
47	S -> print(L). / {\$;}	
48	E -> (S , E.) / {,;} E -> E.+ E / {}+}) -> 60 '+ -> 27
49	S -> S ; S. / {,;} S -> S.; S / {,;}	; -> 36
50	S -> id := E. / {,;} E -> E.+ E / {,;}+}	+ -> 61
51	E -> id. / {,;}+}	
52	E -> num. / {,;}+}	
53	E -> (.S , E) / {,;}+} S -> .S ; S / {,;} S -> .id := E / {,;} S -> .print (L) / {,;} E -> .(S , E) / {\$;+}	S -> 62 id -> 23 print -> 24
54	S -> print (L.) / {,;} L -> L., E / {},}) -> 63 , -> 26

55	$E \rightarrow E + .E / \{\}, +\}$ $E \rightarrow .id / \{\}, +\}$ $E \rightarrow .num / \{\}, +\}$ $E \rightarrow .E + E / \{\}, +\}$ $E \rightarrow .(S , E) / \{\}, +\}$	$E \rightarrow 64$ $id \rightarrow 40$ $num \rightarrow 41$ $(\rightarrow 42$
56	$E \rightarrow (S , E) / \{\}, +\}$ $S \rightarrow S ; S / \{;, +\}$	$, \rightarrow 65$
57	$E \rightarrow (S , E) / \{\}, +\}$ $E \rightarrow E . + E / \{\}, +\}$	$) \rightarrow 66$ $' + \rightarrow 27$
58	$E \rightarrow E + E . / \{ $; + \}$ $E \rightarrow E . + E / \{ $; + \}$	$+ \rightarrow 45$
59	$E \rightarrow (S , E) / \{ $; + \}$ $E \rightarrow .id / \{\}, +\}$ $E \rightarrow .num / \{\}, +\}$ $E \rightarrow .E + E / \{\}, +\}$ $E \rightarrow .(S , E) / \{\}, +\}$	$E \rightarrow 67$ $id \rightarrow 16$ $num \rightarrow 17$ $(\rightarrow 18$
60	$E \rightarrow (S , E) . / \{;, +\}$	
61	$E \rightarrow E + .E / \{;, +\}$ $E \rightarrow .id / \{;, +\}$ $E \rightarrow .num / \{;, +\}$ $E \rightarrow .E + E / \{;, +\}$ $E \rightarrow .(S , E) / \{;, +\}$	$E \rightarrow 68$ $id \rightarrow 51$ $(\rightarrow 53$
62	$E \rightarrow (S , E) / \{;, +\}$ $S \rightarrow S ; S / \{;, +\}$	$, \rightarrow 69$ $; \rightarrow 36$
63	$S \rightarrow print (L) . / \{;, +\}$	
64	$E \rightarrow E + E . / \{\}, +\}$ $E \rightarrow E . + E / \{\}, +\}$	$+ \rightarrow 55$
65	$E \rightarrow (S , E) / \{\}, +\}$ $E \rightarrow .id / \{\}, +\}$ $E \rightarrow .num / \{\}, +\}$ $E \rightarrow .E + E / \{\}, +\}$ $E \rightarrow .(S , E) / \{\}, +\}$	$E \rightarrow 70$ $id \rightarrow 16$ $num \rightarrow 17$ $(\rightarrow 18$

66	$E \rightarrow (S, E). / \{ \} + \}$	
67	$E \rightarrow (S, E.) / \{ \$; + \}$ $E \rightarrow E. + E / \{ \} + \}$) -> 71 + -> 27
68	$E \rightarrow E + E. / \{ ,; + \}$ $E \rightarrow E. + E / \{ ,; + \}$	+ -> 61
69	$E \rightarrow (S, .E) / \{ ,; + \}$ $E \rightarrow .id / \{ \} + \}$ $E \rightarrow .num / \{ \} + \}$ $E \rightarrow .E + E / \{ \} + \}$ $E \rightarrow .(S, E) / \{ \} + \}$	E -> 72 id -> 16 num -> 17 (-> 18
70	$E \rightarrow (S, E.) / \{ \} + \}$ $E \rightarrow E. + E / \{ \} + \}$) -> 73 + -> 27
71	$E \rightarrow (S, E). / \{ \$; + \}$	
72	$E \rightarrow (S, E.) / \{ ,; + \}$ $E \rightarrow E. + E / \{ \} + \}$) -> 74 + -> 27
73	$E \rightarrow (S, E). / \{ \} + \}$	
74	$E \rightarrow (S, E). / \{ ,; + \}$	
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