$p(\text{Izq.}) = \frac{2}{3}$ $\quad p(\text{Der.}) = \frac{1}{3}$

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SOLUCIÓN 1:

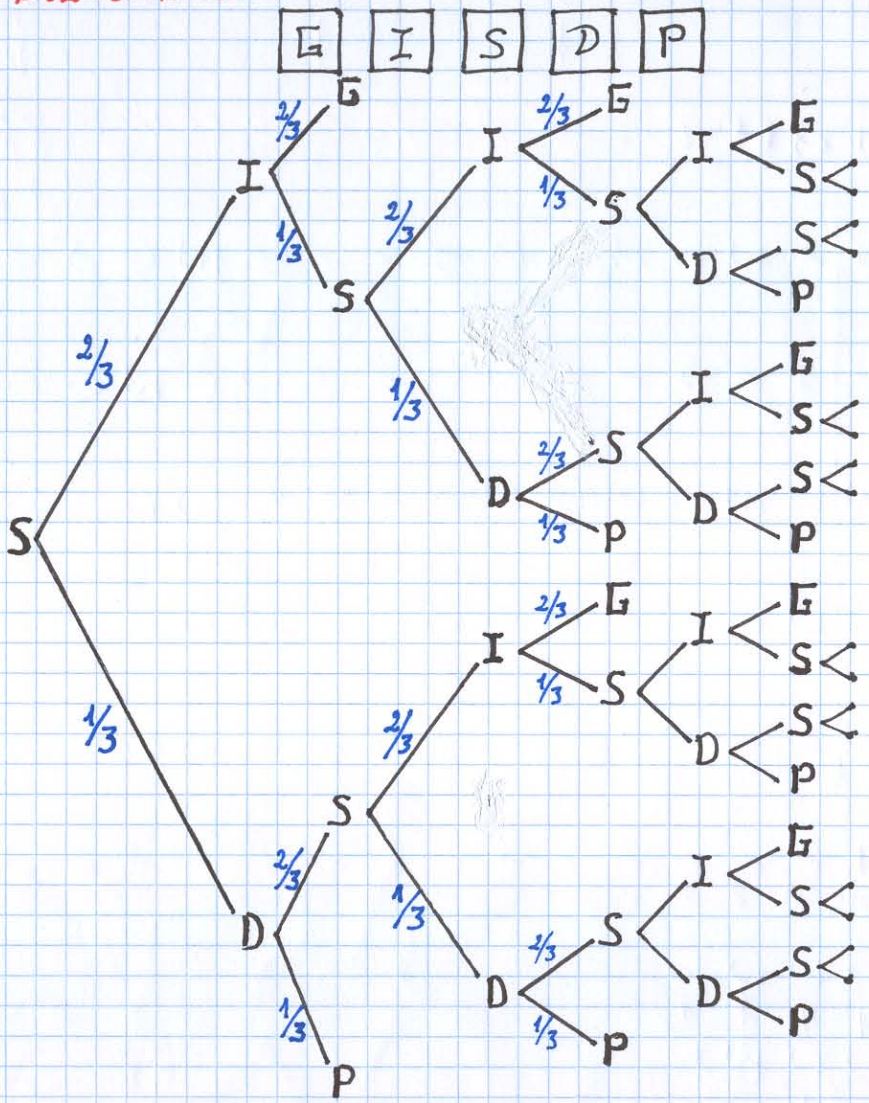
Estado crítico: G | · | S | · | · | P

	•	2	2	2	•
Introd. 1 ficha	-	2	(3)	2	-
	-	4	0	3	-
	(2)	1	3	0	(1)
	2	3	0	1	1
	4	0	1	1	1
Intr. 2 fichas	4	0	(3)	1	1
	4	2	0	2	1
Intr. 3 fichas	4	2	(3)	2	1
$\frac{1}{5}$	4	4	0	3	1
[4]	(6)	1	3	0	(2) [1]
	6	3	0	1	2
	8	0	1	1	2
2 →	8	0	(3)	1	2
	8	2	0	2	2
3 →	8	2	(3)	2	2
$\frac{1}{5}$	8	4	0	3	2
[4]	(10)	1	3	0	(3) [1]

5 → [4] G, [1] P

$p(G) = \frac{4}{5}$ $\quad p(P) = \frac{1}{5}$

SOLUCIÓN 2:



$$p(G) = \frac{2}{3}\cdot\frac{2}{3} + \left(\frac{2}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3} + \frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3}\cdot\frac{2}{3}\right) + \left(\frac{2}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3} + \frac{2}{3}\cdot\frac{1}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3}\cdot\frac{2}{3} + \right.$$

$$\left. + \frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3} + \frac{1}{3}\cdot\frac{2}{3}\cdot\frac{1}{3}\cdot\frac{2}{3}\cdot\frac{2}{3}\cdot\frac{2}{3} + \dots\right) = \frac{4}{9}\left(1 + 2\cdot\frac{2}{3^2} + 4\cdot\frac{2^2}{3^4} + \dots\right) = \frac{4}{9}\cdot\frac{9}{5} = \frac{4}{5}$$