If H was only two rolls, then
$$S \to S = \left(\frac{1}{6}\right) \left(\frac{1}{6}\right)^2 \frac{1}{36} \text{ as they are independent}$$

$$S \to 6 = \left(\frac{1}{6}\right) \left(\frac{1}{6}\right)^2 \frac{1}{36} \text{ similarity}$$

$$but 16 Played until you win
$$S \to 6 : \text{ if you roll } S \text{ you can: 1. roll } 6 \to \text{ win}$$

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game

5 7 5: 16 YOU FOR S YOU Can: 1, POH S 7 W/n
Z. roll 1,12346-Z. ron 1,2,3,4,6 -> lose EV2 42