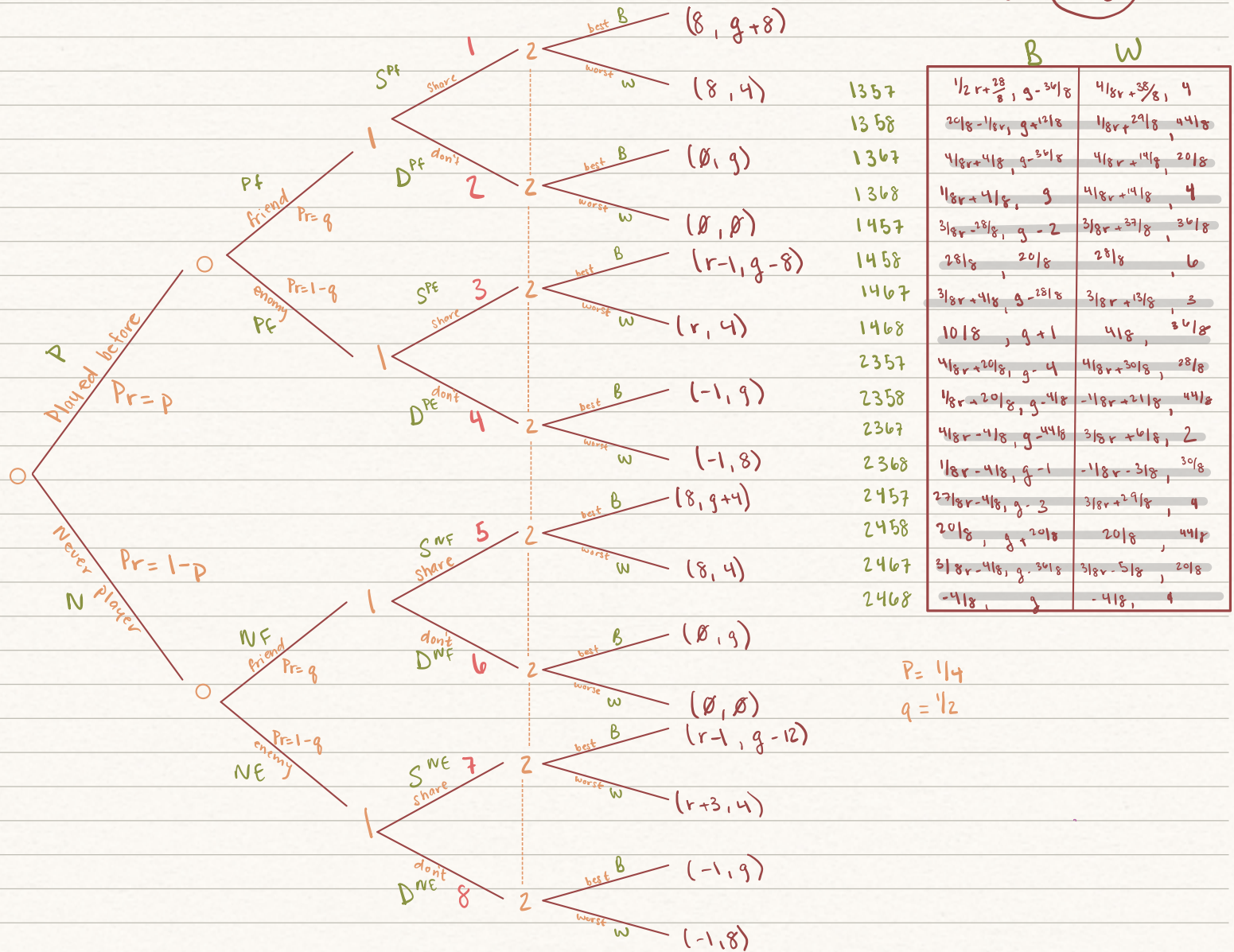


Game : 2 blue Suits interaction

$$r > 1 = 8$$

$$r > 8$$



$$P = 1/4$$

$$q = 1/2$$

$$g > r \geq l = 8$$

$$l = 8$$

nature : know dont know (ZP)

P2 : share dont share

nature : friend + enemy (ZP)

P2 : best + worst shape

~ signal: giving advice

Parameter

g: when p2 picks best

l: when friend shares/gives advice (warm glow)

r: when enemy can deceive + does

p1: friend cares about trying to help

→ always has good intention

p1: enemy cares about deceiving

→ always has bad intention

p2: cares about winning by pick best (gains g), also cares if friend helps(+)/enemy deceives (-)

Solution ~

$$u_2(1357, B) \geq u_2(1357, W)$$

$$g - 34/8 \geq 4$$

$$g \geq 60/8$$

$$g \geq 7.5 \rightarrow p2 \text{ will pick } B$$

if $g < 7.5$ p2 will pick W