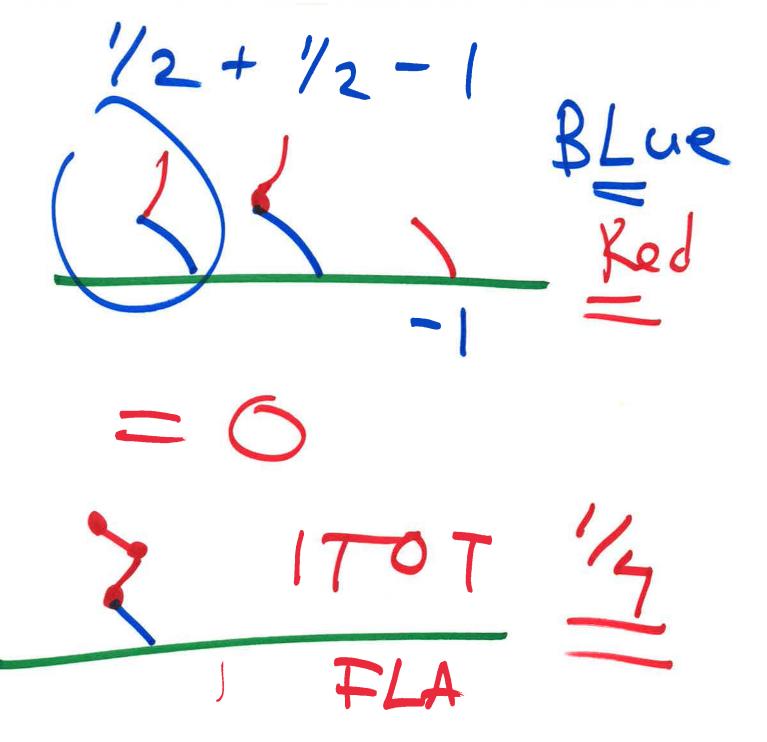
Games without Chance tom MORLEY

1. Some Numbers are Gomes 2. Some Games are Numbers 3. Simplicity 4 Mon Numbers 5. Qu12/Hw



1/8 1/16 1/4 ete...

7. dygdic ratimals = 24

 $O = \{ | \}$ G=0 5-317 = 0 L. - 3 RIGHT
2 - 3 Lept.

{ left options rights 0= 513 %=501分 esz... 2 = [1]}

-5=2|-1  $\{1|4\}=2$ 51143-2=0 1-2=-1 RIGHT 4-2 or ) Left 51/43-1) wins

{-3 | 1 } = x

-34x < 1

which one? Simplest one

51/3/8}=11/4 1 4 4 1 3/8 Choice simplest

SIMPLEST number

			3	
			Ti .	
		¢.		
			e e	

## TRY THIS AT HOME

 $\begin{cases} 1 & 3\% \\ 2 & 2 \end{cases}$ 

Other Numbers

## P/2h dyadic rationals

G= \ \ 001,2,3,4... \ \ \ = w infinite G= {0/1/2, "4, 1/8, "1/4, ...} Yw Infinles intl

Surreal