

BurkeyAcademy: Larger Sequential Games

The Centipede Game (or Nonopede Game, in this Case)



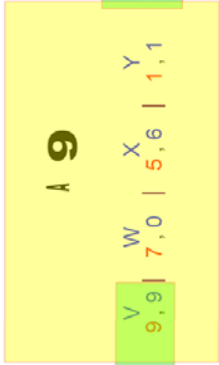
Backward Induction Subgame Perfect Equilibrium

	V	W	X	Y
A	9, 9	7, 0	5, 6	1, 1
B	7, 8	5, 0	3, 6	3, 3
C	5, 6	3, 0	1, 8	1, 5
D	3, 9	1, 0	9, 4	5, 9
E	1, 2	29, 0	7, 7	3, 7

A, V Nash Eq.

D, Y Nash Eq.

Red A 9
Blue V 9 **Red**

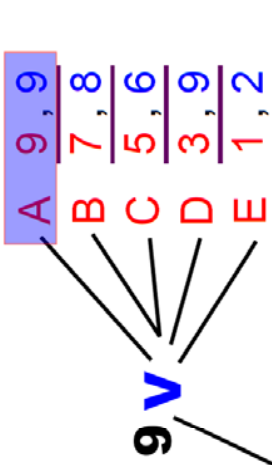


7

1

0 3? 5?

E 7? 3?



Blue V 9
Red A 9

Blue Y 9
Red D 5

