im									
5	Ø	Ø	0	0	0	-			
7	Ø	Ø	0	0	-0	.	0	_	
8	0	0	0	0	0	0	0		•
	Start	with row	vs of n ₁ , n ₂ ,	, n _k stone	s k :3	ท่าะ	5	0	01
	On e	ach turn,	take as ma	any stones a	s you wis	N35	: 1	0	00
	lf no	possible	moves, yo	u lose				Ţ	61
	\star	×	x 	××××					
	0	~		0	Ø				
	0	0	0	0	0	0	Ø		
	0	0	0	0	0	0	0	0	
	0	O	0	0	0				
						0	0		
		0		0	0	0		0	

D 5 10 15 10 75 30 35 0, 1, 2, 3, 1, 4, 3, 2, 1, 4, 2, 6, 4, 1, 2, 7, 1, 4, 3, 2, 1, 4, 6, 7, 4, 1, 2, 8, 5, 4, 7, 2, 1, 8, 6, 7 Kayles × × × × × × × × × × × × × × × × × Start with row of n pins n= 15 On each turn, take 1 or 2 adjacent pins If no possible moves, you lose

	Nim, Keyles	Chess, Checkus, 60	Backgammon, Yahtzee	Poker	Roshamba	Starcont
Combinatorial Game:	7 -					
two-player						×
turn-based	\	 Image: A set of the set of the			X	X
non-stochastic	\checkmark	1	×	×		×
perfect information	/	1		×		X
normal	~					
last mm wins misere						
last more locks finite	1					
impartial		×				
to either player	•					
https://xkcd.com/1002/	inite, impartial co	mbinatorial game	e is equivalent to so	ome form o	f 1-row Nim	
https://xkcd.com/1002/ Sprague-Grundy Theorem: every f	inite, impartial co	mbinatorial game	e is equivalent to so	ome form o	f 1-row Nim.	
					f 1-row Nim.	
Sprague-Grundy Theorem: every f					f 1-row Nim.	
Sprague-Grundy Theorem: every f					f 1-row Nim.	
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Sprague-Grundy Theorem: every f					f 1-row Nim.	