This sine has three errors.















John Mason, Math 2.0 Listserve

"Just because I play a game, it does not follow that I become aware of what I am doing [or the] underlying mathematical thinking. ...the value of playing a 'mathematical game' may lie not in the playing so much as in the reflective consideration of effective and ineffective actions."

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Play a Game!										
Click here: "Challenge Yourself"	Challenge others: Challenge yourself. Challenge others: Challenge yourself. Challenge a player! Click a name to play LOGOUT Vou are currently logged in as a guest. Plasse register to start challenging other players.	Velcome, Guest Square Off Rating Vourel? Challenge Vourel? Challenge Vourel? Challenge Vourel? Drop Zone	About to Charlenge Yourself Challenge Yourself Challenge Yourself Challenge Yourself	All Challenge Yoursett PrimeTime						



Your Equation	x + 1, y - 1	x - 1, y + 1
17x + 29y + 43	249	273
24x + 22y + <mark>3</mark> 9	273	269









Prime Time									
Koll two die, add									
		1	2	3	4	5	6		
	1	2	3	4	5	6	7		
	2	3	4	5	6	7	8		
	3	4	5	6	7	8	9		
	4	5	6	7	8	9	10		
	5	6	7	8	9	10	11		
	6	7	8	9	10	11	12		
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Prime Time									
Roll two die, subtract									
		1	2	3	4	5	6		
	1	0	1	2	3	4	5		
	2	1	0	1	2	3	4		
	3	2	1	0	1	2	3		
	4	3	2	1	0	1	2		
	5	4	3	2	1	0	1		
	6	5	4	3	2	1	0		
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Prime Time									
Flipping <i>n</i> coins, number of heads									
	n	P(exactly 4 heads)		n	P(exactly 4 heads)				
	1	0		7	35/128				
	2	0		8	70/256				
	3	0		9	126/512				
	4	1/16		10	210/1024				
	5	5/32		11	330/2048				
	6	15/64		12	495/4096				
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Equations of Attack

- The Algebra Standard states that "in grades 6–8 all students should explore relationships between symbolic expressions and graphs of lines, paying particular attention to the meaning of intercept and slope" (NCTM, 2000, p. 222).
- How does the activity help with understanding of those concepts?

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