## Choice Board: Sequences

Write an explicit rule for the	Write an explicit rule for the	What is the twentieth term of the
following sequence	following sequence	sequence whose <i>n</i> th term is
6, 14, 22, 30, 38	1, 10, 100, 1000	$a_n = 2n + 3$
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What is the twentieth term of the	Write an explicit rule for the	What is the twentieth term of the
sequence whose <i>n</i> th term is	following sequence	sequence whose <i>n</i> th term is
$a_n = (-2)^{n-1}$	4, 1, -2, -5, -8	$a_n = 0.5(2)^{n-1}$
	*	
	*	
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Write an explicit rule for the	Write an explicit rule for the	What is the twentieth term of the
following sequence	following sequence	sequence whose <i>n</i> th term is
-1, 1, 3, 5	5, 40, 320, 2560	$a_n = 11n - 14$
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	What is the twentieth term of the	Write an explicit rule for the
-	sequence whose <i>n</i> th term is	following sequence
$a_n = -3n + 7$	$a_n = -5n - 4$	2, -8, 32, -128
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Find the 40 <sup>th</sup> term of the sequence	Write an explicit rule for the	Write an explicit rule for the
5, 7, 9, 11, 13	following	following
	1, 7, 13, 19	11, 22, 44, 88
Write an explicit rule for the	Find the 20 <sup>th</sup> term of the sequence	Find the 40 <sup>th</sup> term of the sequence
following	1, 3, 9, 27, 81	4, 1, -2, -5, -8
41, 32, 23, 14		
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Find the 20 <sup>th</sup> term of the sequence	Write an explicit rule for the	Write an explicit rule for the
1, -2, 4, -8, 16	following	following
De Son	4, 9, 14, 19	4, 8, 16, 32, 64
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Find the 40 <sup>th</sup> term of the sequence -3, 8, 19, 30, 41	Write an explicit rule for the following -2, -10, -50, -250	Find the 15 <sup>th</sup> term of the sequence 1, 4, 16, 64
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