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1 Write down the next two terms in the following quadratic sequence. 9, 13, 19, 27 (2)			7 Work out the formula for the nth term of the quadratic sequence: 15, 19, 25, 33 (4)	
2 Write down the next two terms in the following quadratic sequence.  -5, 0, 9, 22  (2)			8 Work out the formula for the nth term of the quadratic sequence: 2, 10, 24, 44 (4)	
3 The nth term of a sequence Work out the 10th term of t	$2n^2+4n-1$	(2)	<ul><li>9 Work out the formula for the nth term</li><li>19, 15, 9, 1</li><li>10 Work out the formula for the nth term</li></ul>	(4)
4 The nth term of a sequence  Work out the first 5 terms i	$n^2+2 n$		-2, -1, 1, 4  11 A quadratic sequence starts: 6, 10, 16, 24	(4)
<b>5</b> Work out the formula for th	ne nth term of the q	(2) quadratic sequence:	<ul><li>a) Show that the nth term is</li><li>b) Hence find the term that h</li><li>12 A quadratic sequence starts:</li></ul>	(4)
6 Work out the formula for the nth term of the quadratic sequence: 2, 10, 22, 38		. ,	-8, 2, 16, 34  a) Show that the nth term is  b) Hence find the term that h	(4)
Grade 9	Quadratic Sequences			