

a Find the next term of 3, 7, 11, 15, ... <u>19</u> continuing a sequence	b Find the next term of 20, 17, 14, 11, ... <u>8</u> a decreasing sequence	c Write the term to term rule for 5, 9, 13, 17, ... <u>add 4</u> describing the term to term rule	d Find the next two terms of 7, 4, 1, ... <u>-2, -5</u> going below zero
e Find the next term of 3, 6, 12, 24, ... <u>48</u> a multiplying rule	f Find the next term of 1.2, 1.5, 1.8, ... <u>2.1</u> a decimal step	g The first term is 2. The rule is $\times 3$ then $- 1$. Write the first four terms. <u>2, 5, 14, 41</u> a two step rule	h The terms go up in equal steps. Fill in the gaps: 4, __, __, 19 <u>9, 14</u> filling gaps with equal steps
i The n th term is $3n + 2$. Write the first three terms. <u>5, 8, 11</u> position to term: the first terms	j The n th term is $4n - 1$. Find the 10th term. <u>39</u> a term far along	k The n th term is $n^2 + 1$. Write the first three terms. <u>2, 5, 10</u> a rule with a square	l Is 47 a term of $3n + 2$? <u>yes, the 15th</u> is a number in the sequence?

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