Name_____ Date_____
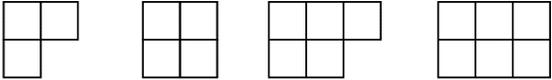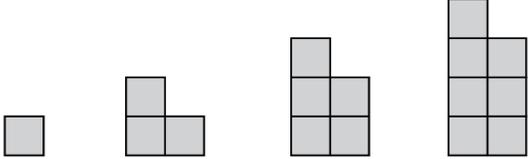
Writing Algebraic Pattern Rules

Pattern image or description	Pattern rule and value, when $n = 6$ and when $n = 10$
The number of squares in term n Term 0 Term 1 Term 2 Term 3	
The term value is 5 more than the product of the term number, n, and 4.5	
The number of squares in term n Term 0 Term 1 Term 2 Term 3	
The value of term n in this pattern that starts with term 0 5, 1, –3, –7,...	
The term value is 4 times the term number, n, subtracted from 16	
The value of term n in this pattern that starts with term 0 $4, \dfrac{7}{2}, 3, \dfrac{5}{2}, ...$	