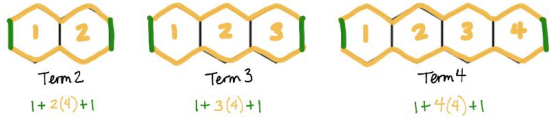
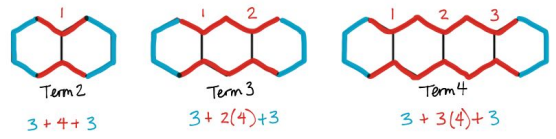
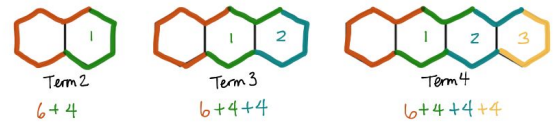
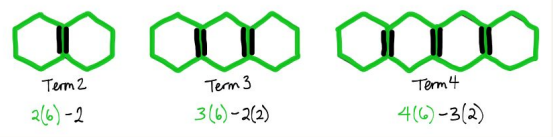
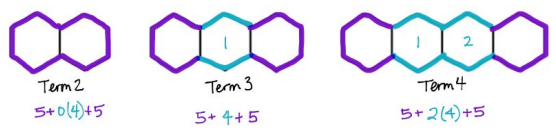
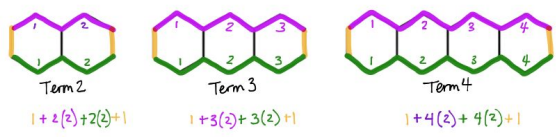


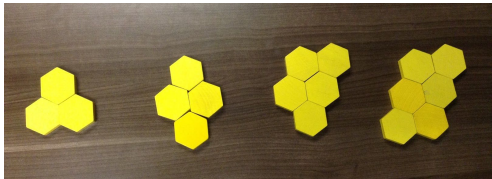
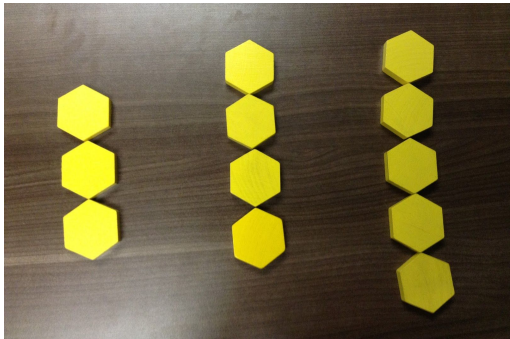
Monitoring Tool

Mathematical Goal: _____

ANTICIPATED STRATEGY / MODEL / APPROACH	NOTES	Group Names	Order
 Term 2: $1 + 2(4) + 1$ Term 3: $1 + 3(4) + 1$ Term 4: $1 + 4(4) + 1$ $1 + 4n + 1$ OR $4n + 2$			
 Term 2: $3 + 4 + 3$ Term 3: $3 + 2(4) + 3$ Term 4: $3 + 3(4) + 3$ $3 + 4(n - 1) + 3$			
 Term 2: $6 + 4$ Term 3: $6 + 4 + 4$ Term 4: $6 + 4 + 4 + 4$ $6 + 4(n - 1)$			
 Term 2: $2(6) - 2$ Term 3: $3(6) - 2(2)$ Term 4: $4(6) - 3(2)$ $6n - 2(n - 1)$			
 Term 2: $5 + 0(4) + 5$ Term 3: $5 + 4 + 5$ Term 4: $5 + 2(4) + 5$ $5 + 4(n - 2) + 5$			
 Term 2: $1 + 2(2) + 2(2) + 1$ Term 3: $1 + 3(2) + 3(2) + 1$ Term 4: $1 + 4(2) + 4(2) + 1$ $1 + 2n + 2n + 1$			

Monitoring Tool

Mathematical Goal: _____

ANTICIPATED STRATEGY / MODEL / APPROACH	NOTES	Group Names	Order
Pattern that has a constant perimeter  $P = 6$ 			
Pattern that increases at a slower rate  $P = 10 + 2n$	Term 1: 12 Term 2: $12 + 4 - 2$ Term 3: $12 + 2(4) - 2(2)$... Term x: $12 + (n - 1)(4) - (n - 1)(2)$		
Pattern that has the same perimeter  $P = 10 + 4n$	Term 1: 14 Term 2: $14 + 5 - 1$ Term 3: $14 + 5 - 1 + 5 - 1$... Term x: $14 + (n - 1)(5 - 1)$		
Pattern that increases at a faster rate  $P = 12 + 6n$	Term 1: 18 Term 2: $18 + 6$ Term 3: $18 + 6 + 6$... Term x: $18 + (n - 1)(6)$		