

	Recurrence	Closed Form Expression	
1.	$f(n) = f(n - 1) + 3$	$f(n) = \Theta(n)$	("linear")
2.	$f(n) = f(n - 1) + 2n$	$f(n) = \Theta(n^2)$	("quadratic")
3.	$f(n) = 2f(n/2) + n$	$f(n) = \Theta(n \log n)$	
4.	$f(n) = f(n/3) + 1$	$f(n) = \Theta(\log n)$	("logarithmic")
5.	$f(n) = f(n/2) + n$	$f(n) = \Theta(n)$	("linear")
6.	$f(n) = 2f(n - 1) + 1$	$f(n) = 2^{\Theta(n)}$	("exponential")