

1.  $q1 :: [[Int]]$
2.  $mystery [10, 20, 30] = 3$
3.  $drop :: Int \rightarrow [a] \rightarrow [a]$   
     $drop\ 0\ xs = xs$   
     $drop\ n\ [] = []$   
     $drop\ n\ (x:xs) = drop\ (n-1)\ xs$