Lambda calculus

1. Numbers- nested functions
   1. Magnitude- amount of nesting
   2. Zero- reteurns false for any positive integer and recurses to int-1
      1. Returns true for zero
   3. Addition- x + y
      1. Increment x as many times as can subtract from y
   4. True first second = first
2. Beta reduction
   1. Can lead to infinite recursion
   2. Wrapin a function
3. Types
   1. Use pairs to implement types8 11