





How many stack frames (SF) are needed to calculate  $x^n$

N=0, SF=1

N=1, SF=2

N=2, SF=3

N=3, SF=4

N=4, SF=4

N=5, SF=5

N=6, SF=5

N=7, SF=6

N=8, SF=5

N=9, SF=6

N=10, SF=6

N=11, SF=7

N=12, SF=6