Activity 1: Exponential Growth

Suppose you have $1000 to invest. To simplify the comparisons, consider only interest compounded annually.

A. Your credit union's savings account is offering 4% interest.
B. The corner bank's savings account is offering 3% interest.
C. A Certificate of Deposit (CD) is offering 6.5% interest.

1. Write a function for each offer.
   A.
   B.
   C.

2. Compare the three offers in a table.

1 year			
2 years			
5 years			
10 years			
20 years			
30 years			

3. Compare the three offers graphically.