**PLEASE SHOW ALL WORK AND FORMULAS**

1. Calculate the future value of 1,535 invested today for 8 years at 6 percent.
2. What is the total present value of the following cash stream, discounted at 8 percent?

 Year Amount

* 1. 400
	2. 750
	3. 945
	4. 145
	5. 78
1. If you invested $2,000 per year into an IRA for 30 years and received 6 percent return each year, what would the account balance be in 30 years? (8 points)