



5. I bought issue one of a comic that was signed by the artist for \$65. I expect the price to increase by 30% each year. How much do you expect I will be able to sell it for in 15 years?

6. James bought a laptop for \$999. The value depreciates by 18% each year. How much should he expect his laptop to be worth in 5 years?

7. The University of Georgia has increased the number of freshman it takes each year. This year they accepted 4,518 freshman. If the acceptance rate grows 1.3% each year, how many Freshmen do you expect them to take in 4 years?

8. Studies have shown that America is one of the most obese countries in the world. In a 2012 study, there were 105,000,000 obese people in the United States. If obesity rates are increasing 4.6% each year, how many people do you expect will be obese in America in 10 years? **PART B:** how many more people became obese in those 10 years?