

AP CALCULUS AB

- 1) In 1970, the population of Australia was 12.51 million people. In 2010, it was 22.03 million. Estimate the population of Australia in 2030.

EXPONENTIAL GROWTH AND DECAY

- 2) A sample containing 100% of radioactive Uranium-235 (U-235) will have 60% of the U-235 remaining after 500 million years. What percentage of the U-235 will be left after 800 million years?