IB Pre HL 3G Exponential Growth and Decay

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| **Growth:**  where  Example)  Bacteria is growing 20% per hour, starting with 50. Write the mathematical equation modeling the population of bacteria after t hours.  asymptote | **Decay**:  where  Example)  A video game loses 20% of its value each year starting value at $50. Write the mathematical equation modeling the value of the game after t years. |

Example)

