**QUESTIONS for Simple model for Populations video**

# These questions are referring to the video - Exponential and logistic growth in populations by the Khan Academy and can be found at the link below.

<https://www.khanacademy.org/science/biology/ecology/population-growth-and-regulation/v/exponential-and-logistic-growth-in-populations>

1. At the start of the theoretical experiment, how many rabbits were there?
2. After 10 yrs (120 months) of unlimited growth how many rabbits would there be?
3. Describe the shape of the line, when this population growth (purple line) is graphed. (straight, curved, up, down, steep, gradual, etc)
4. What three thing would stop this type of growth?
5. What is name for this type of population growth?
6. What does the term “carrying capacity” mean? (not so obvious in the video, but you can guess)
7. Describe “logistic growth” model. You could start with: Initially the population grew very quickly, then…
8. In your own words… Why is the logistic growth model a better representation of species growth than the exponential growth model?