

Before Class

- Watch an introduction to exponential functions.  
[https://www.khanacademy.org/math/trigonometry/exponential\\_and\\_logarithmic\\_func/exp\\_growth\\_decay/v/exponential-growth-functions](https://www.khanacademy.org/math/trigonometry/exponential_and_logarithmic_func/exp_growth_decay/v/exponential-growth-functions)
- Linear functions  $y = mx + b$  are good models for repeated *addition*, because we add the constant value  $m$  over and over. Using similar language, how might you describe the use of exponential functions  $y = a^x$  as a model?

During Class

-