**AP Chemistry Daily Videos**

**5.11 Catalysts**

[**Video #1**](https://apclassroom.collegeboard.org/7/home?apd=gxocf2p60s)

1. Does a catalyst change the rate constant? If so, how?
2. A catalyst lowers the activation energy of a reaction by providing an alternative \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and new \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. What are three ways a catalyst increases the rate of a reaction?
3. What is the difference between a homogeneous catalyst and heterogeneous catalyst?
4. Pause the video at 4:45 and attempt the problem, then evaluate how you did and identify any errors. 