

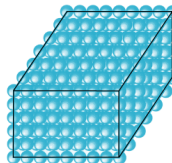
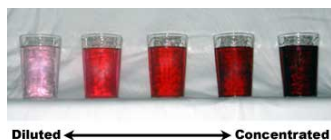
# Extension-Reaction Rate Lab

Rate of Reaction: speed at which a chemical reaction happens.  
Factors affecting rate of reaction....



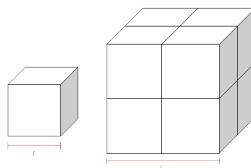
**1. Concentration** - the amount of substance present.

- Higher concentration=faster reaction



**2. Surface area** - the amount of area on the outside of an object.

- More surface area=faster reaction
- Cutting or breaking an object into smaller pieces gives it MORE surface area.



**3. Temperature** - the speed in which particles move.

- Higher temperature=faster reaction



**4. Catalyst** - A substance that brings the reactants together.

- The catalyst doesn't change.



**5. Pressure** - the amount of space a substance has to move in.

- More pressure=faster reaction



**6. Agitation**- mixing molecules

- More agitation=faster reaction

