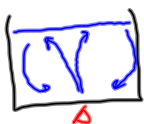




## Solvation - faster

heat

convection  
current

stirs

speed up particles  
- hit more often  
+ harder  
weaker solute

stir → remove "occupied" water  
bring in fresh H<sub>2</sub>O  
expose more corners  
break up clumps

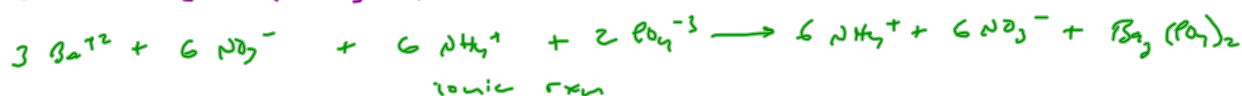
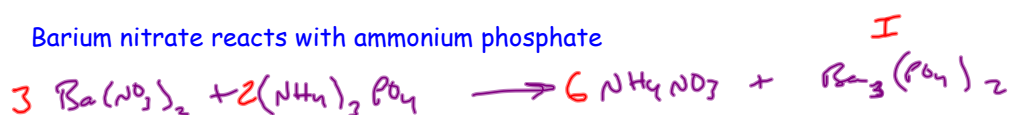
SA ↑ (crush)

↳ more corners

## A look back at reactions...

reactions in solution — happen between  
dissolved particles

Barium nitrate reacts with ammonium phosphate



Lithium reacts with ~~acetic acid~~  
hydrochloric acid



