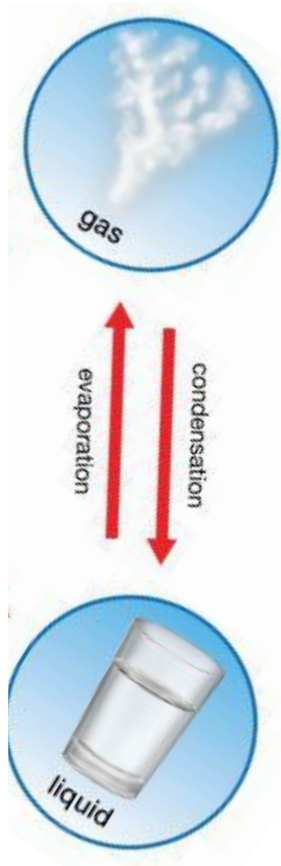


Red: An example shown below.



Yellow

If I leave a glass of cold water out in the sun, which process is going to happen? **Evaporation**

What about steam hitting a cold mirror? **Condensation**

How do you know in each instance? **Water exposed to heat will give it more energy, allowing the particles to move apart and evaporate.**

Hot steam hitting a cold surface will absorb some energy, meaning the particles will move slower, reforming as a liquid.

Green

Look at this picture. Who is right? How do you know?



The person in the hat is right, as the cold glass has caused water particles in the air to rapidly cool and condense as a liquid on the outside of the glass.