How much energy does it take to increase the temperature of ice at 0°C to water at 75°C?

If ice at -1°C is heated to 101°C how much energy is released/absorbed?

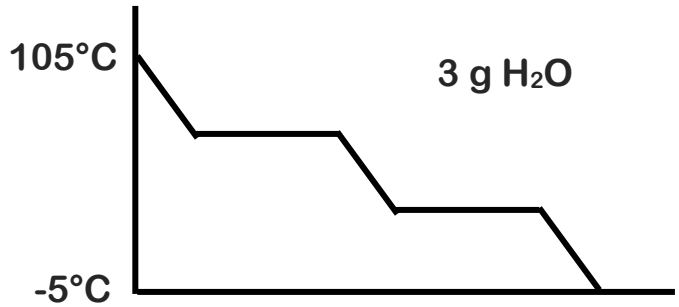
If 11g of ice is heated to 25°C how much energy is absorbed?

When steam at 110°C cools to ice at -10°C how much energy is released/absorbed?

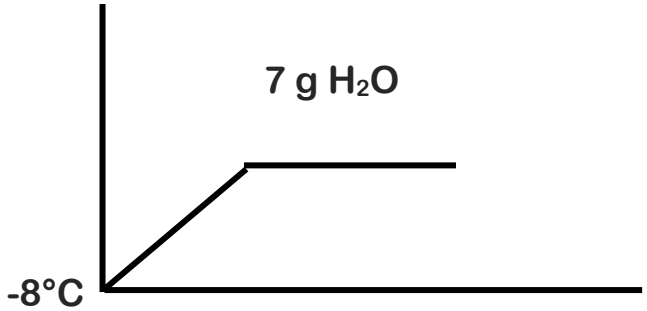
How much energy is released/absorbed when water at 25°C cools to ice at -5°C? When might this happen in real life?

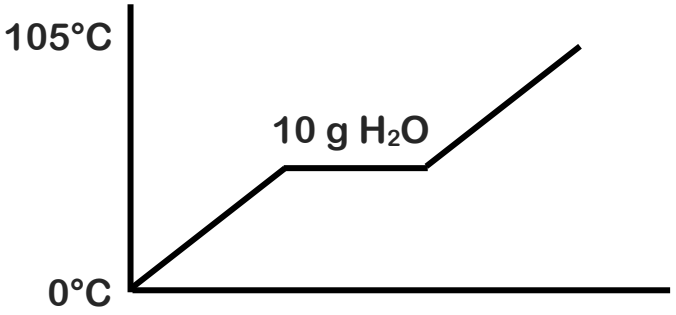
How much energy is released when 20g of water increases from 10°C to 94°C?

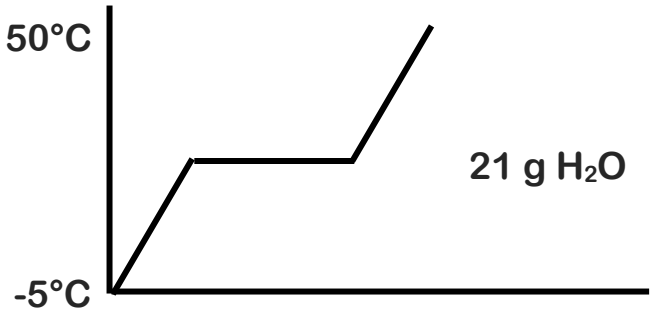
When 25g of steam at 103°C cools to water at 25°C how much energy is released?

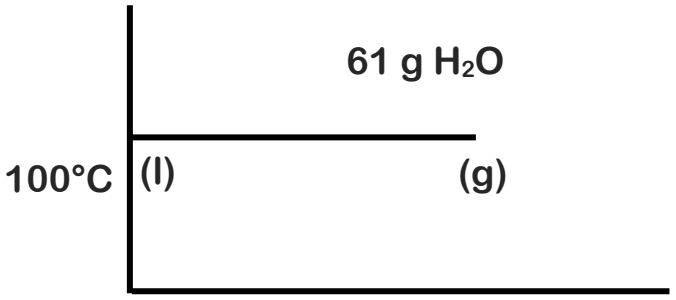


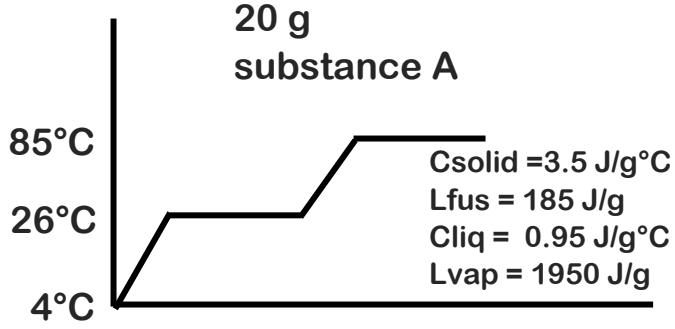
When 35g of water at 100°C is boiled away how much energy is absorbed by the water?

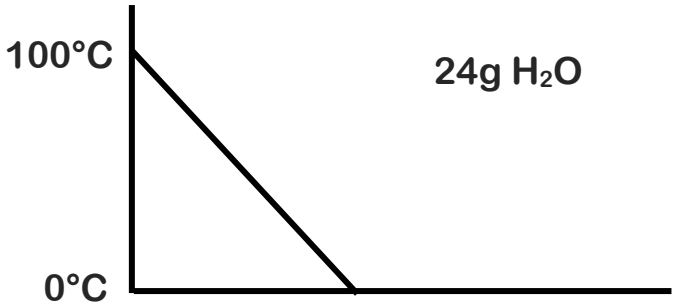




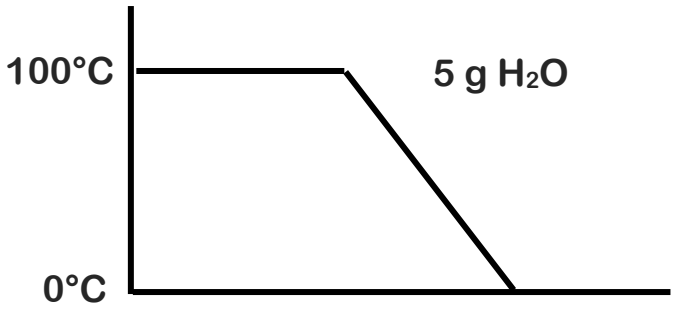




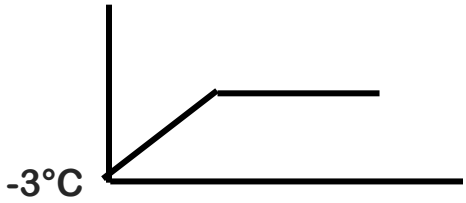


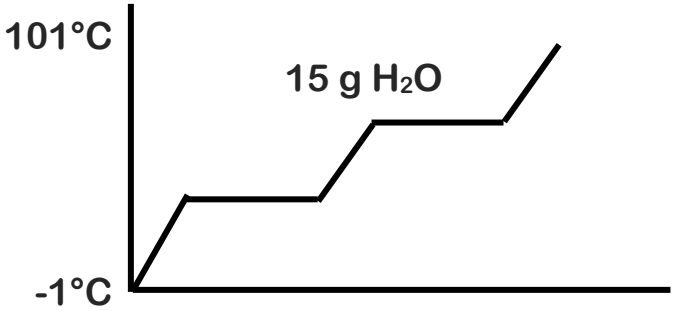


Which will heat/ cool faster?
Substance X or Substance Y?



Which phase change is shown here?





Which phase change is shown here?