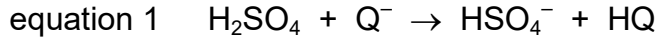


**21** Equation 1 and equation 2 show two different reactions of halide ion  $Q^-$  with concentrated sulfuric acid.



What is Q?

- A**  $Cl^-$  or  $Br^-$       **B**  $Br^-$  or  $I^-$       **C**  $Cl^-$  only      **D**  $I^-$  only