GROUP 7 (B)

| 1 a | а | Write an equation for the reaction of chlorine with water. | | | |
|-----|--|--|-------------------|-------------------------------|--------------------------|
| | b | Describe and explain what you would see if universal indicator was added to a solution of chlorine in water. | | | |
| | | By referring to oxidation states, explain why this is a disproportionation reaction. | | | |
| | С | by referring to oxidation states, explain willy this is a disproportionation reaction. | | | |
| | | | | | |
| 2 | a When concentrated sulfuric acid is added to solid sodium bromide, white fumes and or formed. Complete the table about the formation of these substances. | | | | mes and orange fumes are |
| | | observation | formula of gas | equation for formation | type of reaction |
| | | white fumes | | | |
| | | orange fumes | | | |
| | b What would you see if a similar reaction was done using solid sodium chloride with of acid? Explain any difference in detail. | | | le with concentrated sulfuric | |
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