

Name : ----- Date : -----

BALANCING WORD EQUATIONS

Write the chemical formula for the reactants and products and balance the equations.

(i) antimony + chlorine → antimony trichloride

(ii) sodium chlorate → sodium chloride + oxygen

(iii) sodium carbonate + water → sodium oxide + hydrogen carbonate

(iv) silver + sulfur → silver sulfide

(v) potassium + water → potassium hydroxide + hydrogen

(vi) barium chloride + magnesium sulfate → barium sulfate + magnesium chloride

(vii) sodium bromide + chlorine → sodium chloride + bromine

(viii) ammonium carbonate → ammonia + carbonic acid

(ix) calcium carbonate + hydrochloric acid → calcium chloride + hydrogen carbonate

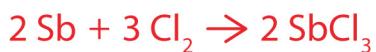
(x) zinc chloride + phosphoric acid → zinc phosphate + hydrogen chloride

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BALANCING WORD EQUATIONS

Answers

(i) antimony + chlorine → antimony trichloride



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(iii) sodium carbonate + water → sodium oxide + hydrogen carbonate



(iv) silver + sulfur → silver sulfide



(v) potassium + water → potassium hydroxide + hydrogen



(vi) barium chloride + magnesium sulfate → barium sulfate + magnesium chloride



(vii) sodium bromide + chlorine → sodium chloride + bromine



(viii) ammonium carbonate → ammonia + carbonic acid



(ix) calcium carbonate + hydrochloric acid → calcium chloride + hydrogen carbonate



(x) zinc chloride + phosphoric acid → zinc phosphate + hydrogen chloride

