

Balancing Word and Skeleton Equations

Write and balance the skeleton equation for each of the following reactions.

- a calcium carbide + oxygen → calcium + carbon dioxide
- b chromium + tin (IV) chloride → chromium (III) chloride + tin
- c potassium hydroxide + hydrogen bromide → potassium bromide + water
- d aluminum oxide → aluminum + oxygen gas
- e propane + oxygen → carbon dioxide + water
- f barium carbonate → barium oxide + carbon dioxide
- g iron + sulfur → iron (II) sulfide
- h aluminum + copper (II) chloride → aluminum chloride + copper
- i silver nitrate + copper → silver + copper nitrate
- j hydrogen + chlorine → hydrogen chloride

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Answers

a calcium carbide + oxygen → calcium + carbon dioxide



b chromium + tin (IV) chloride → chromium (III) chloride + tin



c potassium hydroxide + hydrogen bromide → potassium bromide + water



d aluminum oxide → aluminum + oxygen gas



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h aluminum + copper (II) chloride → aluminum chloride + copper



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