**BALANCING CHEMICAL EQUATIONS WORKSHEET**

Practice Part 2

1. K3PO4 + HCl à KCl + H3PO4
2. Mg F2 + Li2CO3 à Mg CO3 + Li F
3. P4 + O2 à P2O3
4. CF4 + Br2 à C Br4 + F2
5. Ga F3 + Cs à Cs F + Ga
6. Ba S + Pt F2 à Ba F2 + Pt S
7. Na + O2 à \_ Na2O
8. Na F + Br2 à Na Br + F2
9. S + O2 à SO3
10. CH4 + O2 à CO2 + H2O
11. Na + HCl à H2 + NaCl

How many total molecules of product were made in #8?

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How many total molecules of reactants were used in #5?

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How many reactant types are used in #11?

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How many types of products are made in #9?

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4 molecules of a substance contain 3 atoms of sodium, 1 atom of phosphorus, and 4 atoms of oxygen. What is the correct chemical formula for this substance?

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