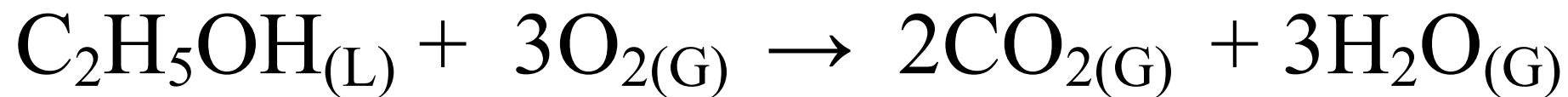
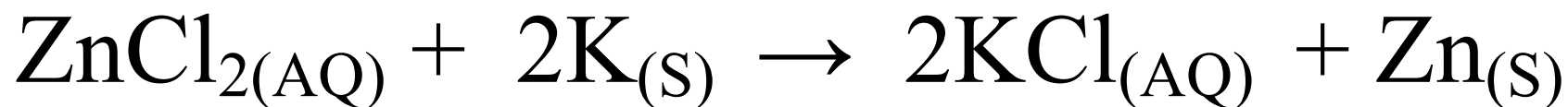


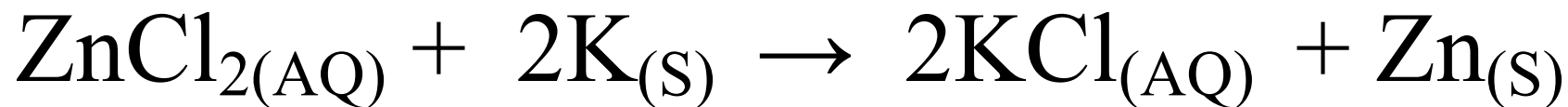
1. When 73.0 moles of ethanol combusts, how many moles of oxygen are consumed?



2. If  $1.75 \times 10^{24}$  molecules of ethanol combusts, how many liters of  $\text{CO}_{2(\text{G})}$  form?



3. When 33.3 moles of potassium react, how many grams of zinc will be produced?



4. When 12.43 moles of zinc chloride react, how many moles of potassium chloride form?



5. When 358 liters of hydrogen react, how many grams of ammonia will form?



6. When 0.456 moles of nitrogen react, how many molecules of ammonia will form?