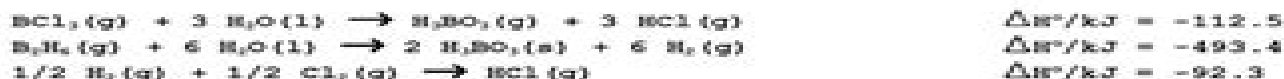


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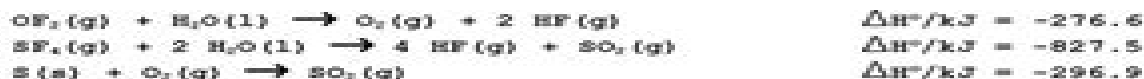
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1. Given the following equations and ΔH° values, determine the heat of reaction (kJ) at 298 K for the reaction:



Answer: -1376 kJ

2. Given the following equations and ΔH° values, determine the heat of reaction (kJ) at 298 K for the reaction:



Answer: -319.5 kJ

3. Determine $\Delta H^\circ/\text{kJ}$ for the following reaction using the listed enthalpies of reaction:

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