

## Report of experiment 4

Name:  
Surname:  
Group:

### Introduction

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### Objective of the experiment

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### Materials

### Chemicals

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### Experimental Procedure

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1. Record the obtained results in a table.

Experiment	Mass of Water $m_1$ (g)	Temperature of Water $T_1$ (K)	Mass of Ice $m_2$ (g)	Temperature of Ice $T_0$ (K)	Equilibrium Temperature $T_f$ (K)
Ice					

2. Calculate the heat of fusion of ice

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3. Calculate the latent heat of fusion of ice.

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4. Compare the experimental and theoretical values.

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5. Calculate the enthalpy of fusion of the ice.

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6. Predict the reaction type, and justify.

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7. Conclusion

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