

Extended Response (ER) Sample Item Grades 1 and 2

1. Marty wants to determine if changes to water are reversible or irreversible. He starts with a tray of ice that he has just taken out of the freezer.

Part A

What will happen to the tray of ice if it is heated?

Part B

What would happen if Marty returned the tray to the freezer?

Part C

Is heating and cooling water a reversible or irreversible change?
Explain your answer.