

Quiz 2

Name _____

Thursday, February 1, 2001

Section (circle one)

Dan at 9:30

Dan at 10:30

Aimee at 9:30

Aimee at 10:30

- 1) (5 points) 1.00 mol of water at 100°C is heated until it boils into steam. Knowing that the ΔH_{vap} for water at 100°C is 40.68 kJ/mol, calculate the ΔS for this process.

- 2) (5 points) 100.0 g of water is heated from 20.0°C to 30.0°C, find ΔS for this process.