Name: _____

Problem 1

Determine the phase of water at 100°C and 101.3 [kPa]

Problem 2

Determine the phase of water at 180°C and 2,000 [kPa]

Problem 3

Determine the phase of water at 160°C and 400 [kPa]

Problem 4

Indicate whether this is a P-v or T-v diagram and identify:

1. Compressed/subcooled liquid region

2. Saturated liquid region

3. Superheated vapor region

4. Line of constant temperature