

## **SIO 15 (Fall 2024) – Week 4 worksheet – Topics 8 - 10**

**~~FULL NAME AND STUDENT ID:~~**

- The 3 Vs of volcanism
- Volcanic eruption types
- Volcanic explosivity index
- Volcanic materials
- Volcano types
- Volcanic Rock
- viscosity
- The geotherm; the melting curve of mantle rocks
- decompression melting, injection of volatiles; relationship to plate tectonics