Chapter 9 Quiz - Soil Water

1. Adhesion / Cohesion (circle one) is the attraction of water to the soil surface.

2. What is the volumetric water content if the bulk density is 1.33 g/cm$^3$ and the gravimetric water content is 0.25?

3. What is the depth of water in a foot of soil if the volumetric water content is 0.10?

4. Is available water primarily held in:
   - [ ] Macropores (greater than 100 $\mu$m)
   - [ ] Mesopores (between 0.1 and 100 $\mu$m)
   - [ ] Micropores (smaller than 0.1 $\mu$m)

5. Which soil type has the greatest plant available water? Which has the least?
   - [ ] Clay
   - [ ] Sand
   - [ ] Silt
   - [ ] Loam
   - [ ] Clay Loam