

### Some Dimensional Analysis Practice Problems

1. Convert 25 mm/day to cm/week
2. Convert 25 mg/ $\mu$ l to kg/m<sup>3</sup>
3. What is the volume in cubic meters, of 500.0 kg of gold? Density = 19.3 g/cm<sup>3</sup>
4. Convert 25 mg/kl to cg/dl.