**Conversions Practice**

**Solve the following. Show your work. Round using rounding rules!**

1. Convert 88 °C to Kelvins.
2. What is the mass of an object whose density is 13.8 g/mL and volume is 2.2 mL?
3. Convert 450 K to °C.
4. What is the density of an object whose mass is 50 g and volume is 11.0 mL?
5. In an experiment you find the density of a metal to be 13.8 g/mL. When you look up the accepted density, it is supposed to be 19.3 g/mL. Calculate your percent error.
6. Convert 85 °C to °F.
7. How many inches are in 8.50 miles?
8. What is the volume of an object whose density is 45.0 g/mL and mass is 32 g?
9. Convert 78 °F to °C.
10. How many pounds are in 96.0 kg?