Metric Worksheet
(You can use the appendix in Automotive Service for a conversion chart)

Convert these specifications to their metric equivalent. Show the formula you use.

Example: A vehicle is 15 feet long. 
15 feet x 0.3048 = 4.572 meters

1. A head bolt torque is 80 ft. Lbs.
2. Recommended tire pressure is 28psi (use Kiligrams/square centimeter)
3. Operating engine coolant temperature is 195°F
4. 60 MPH
5. Oil pressure is 50 psi (use Bar)
6. Compression gauge reading is 150 psi (Bar and Kilogram/square centimeter)
7. Oil pressure at idle is 22 psi (use Bar or Kg/cm²)
8. Oil shaft bearing clearance is .002”
9. Valve stem height is .258”
10. Engine operating oil temperature is 150°F
11. Curb weight of a vehicle is 3997 lbs
12. Fuel tank capacity 18.5 gallons
13. Coolant overflow tank holds 3.5 pints
14. 7/16” wrench (to nearest mm)
15. 350 Cubic inch engine