

Name: \_\_\_\_\_



## Water Demand Calculation Worksheet

City Data: <http://www.city-data.com/>

<b>Population of Town or City:</b>
<b>List all schools in your town and their populations. Then calculate the water demand for schools below.</b>  Type equation here.
<b>Find the number of restaurants. Then calculate the water demand for restaurants below.</b>  Type equation here.
<b>Find the number of medical centers. Then calculate the water demand for the medical centers below.</b>  Type equation here.
<b>Industrial Section Water Usage:</b> Assume 30,000 gpd for light industrial section, 50,000 gpd for medium industrial section, 75,000 gpd for large industrial section
<b>Leakage:</b> Assume 10% water loss to leakage
<b>Average Daily Demand Calculation</b>  Type equation here.
<b>Maximum Daily Demand Calculation</b>  Type equation here.
<b>Peak Hourly Demand Calculation</b>  Type equation here.