


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

## GENERAL CHEMISTRY CONVERSION FACTORS TEST

Convert the following measurements to the specified units using the given conversion factors.  
Show all your work for full credit.

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- 1980cm = m
  - 4500g = kg
  - 5.75m = mm
  - 9800mg = mg
  - 7.5km = m
  - 5.5kg = mg
  - 3450mm = cm
  - 9mol = particles
  - 72ft = in
  - $3.0 \times 10^{24}$  particles = mol
  - 60in = cm
  - 3.5atm = mmHg
  - 4mi = ft
  - 2280mmHg = atm
  - 4.7L = mL
  - 850J = cal
  - 3200mL = L
  - 120cal = J
  - 2.25L =  $\text{cm}^3$
  - 3500mg = kg