

Dimensional Analysis Wkst II

YOU MUST SHOW ALL YOUR WORK! *NO WORK = NO CREDIT*

1.
 - a. 7.5×10^2 cm
 - b. 3.0×10^2 in
2. 250 in
3.
 - a. 0.354 km
 - b. 5.87×10^8 pg
 - c. 1.34×10^6 mL
4. 6.4 km/L
5. 324 kg
6. 42.1 km
7. 6.7×10^8 mi/hr
8.
 - a. 75 mi/hr
 - b. 33 m/s
9. 45 mi/hr
10. 1.6×10^{-5} yrs
11. 4.6×10^{-5} L
12. 1.00 kg/L
13. 2.76×10^{-3} L