

Name: _____

Block: _____

Date: _____

Chemistry 11

Metric Conversion Problems Key

Assignment

1. 0.83 m
2. 459,000 mL
3. 1.123 ng
4. 3.45×10^{-4} g
5. 378 cm
6. 2500 μm
7. 7.724×10^{-4} g
8. 120 s
9. 1351 ps is longer.
10. 232.1 kPa is larger.
11. 23.78 dg is smaller.
12. 175.6 mm is shorter.
13. a) cm b) m c) cm d) mm e) cm or m f) km g) Gm h) nm
14. a) kg b) g c) mg d) g or dg
15. a) cm^3 b) cm^3 c) cm^3 d) m^3
16. a) 750 cm, 65 dm, 0.005 km, 2000 mm, 1.2 m
b) 2.5L, 13 dL, 870 mL, 22 cL, 175 cm^3