

Answers to problem bank in page 858

Answers to Problem Bank

The Science of Chemistry

1. 2.8 g/cm^3
2. 1.14 g
3. 5.60 mL
4. 3.65 g/cm^3
5. 111 cm^3
6. 1645 cm
7. 0.01645 km
8. $1.4 \times 10^{-5} \text{ g}$
9. 0.0105 kg
10. 1570 m
11. $3.54 \times 10^{-6} \text{ g}$
12. $3.5 \times 10^6 \text{ } \mu\text{mol}$
13. 1200 mL
14. 0.000358 m^3
15. 548.6 cm^3
16. 1.71 g/cm^3
17. 4.54 cm^3
18. 86400 s
19. 625000 cg
20. 440 g
21. 33.7 cm^3
22. 4.35 g