

## Dimensional Analysis: Practice Problem Answers

1. 2.5 km
2. 354 cm
3. 12.3456cm
4. 30,000,000 g
5. 3 lb
6. 12,672 ft
7. 2.5 wks
8. 2700 sec
9. 60 mph
10. 66 ft/sec
11. 2 pts
12. 720 grains
13. 43.2 cm
14. 4.30 lb
15. 804 mL
16. 2 ft
17. 42.24 oz
18. 4.22 pt
19. 433.6 km
20. 7 lb 4 oz
21. 760 days
22. 167,131,739 quarters
23. 32 yrs old
24. 19,000,000 pages
25. 75 hr