Dimensional Analysis Worksheet

1. 261 g → kg 2. 3 days → seconds

3. 9,474 mm → cm 4. 0.73 kL → L

5. 5.93 cm → m 6. 498.82 cg → mg

7. 1 ft → m

(Note: 1 in = 2.54 cm) 8. 1 year → minutes

9. 175 lbs → kg  
 (Note: 2.2 lb = 1 kg) 10. 4.65 km → m

11. 22.4 kg/L to kg/mL

12. Convert 2.05 x 105 seconds into years.

13. Traveling at 65 miles/hour, how many minutes will it take to drive 125 miles to San Diego?

14. Convert 50 years into seconds. Express your answer in scientific notation.