Chapter 1 Physics Review

1. Add or subtract following the rules for significant figures
2. 12.678 mm + 0.25 mm
3. 12.345 mL – 0.34 mL
4. 1.0001 mm – 0.1 mm
5. 12.5 g + 0.0005
6. Multiply or Divide following the rules of significant figures
7. 1.25 mm x 0.25 mm
8. 3.987654 cm x 1.3 cm
9. 14.0 cm2/ 2.1 cm2
10. (98.45g/ml x 5.762 mL)/ 1.4 g
11. Write the following in Scientific Notation
12. 0.00572 kg
13. 520 000 000 000 km
14. 118.70004 g
15. 0.000 000 000 000 000 000 16 cm
16. Convert the following units
17. 16 s into ks
18. 75 000 mL into L
19. 457 km to mm
20. 5.6 x 10-4 mg to kg
21. 6.2 hours to seconds