

Worksheet 1

Complete the following conversions showing all work.

A. One step metric-metric problems

Work	Answers
1. How many mg in 45.9 g?	
2. Convert .009987 ml to L.	
3. 87.90 g is how many cg?	
4. .035 Kl is equal to how many L?	
5. How many cm is 2345.98 m?	

B. Two step metric-metric problems

Work	Answers
6. How many mg in 9.26 Kg?	
7. Convert 45.63 ml to cL.	
8. 6.358 mg is how many cg?	
9. .035 dl is equal to how many kL?	
10. How many mm is 2345.98 km?	

C. English-metric problems

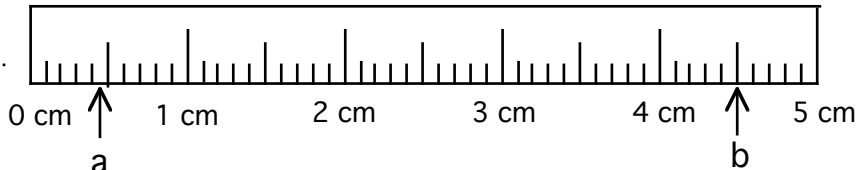
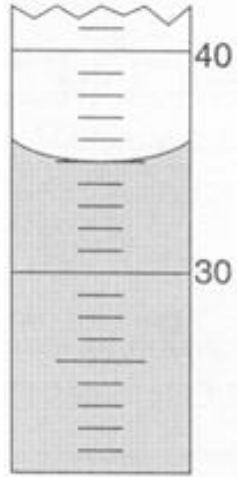
Work	Answers
11. How many Oz. in 45.9 g?	
12. Convert .25.3 gal to L.	
13. 87.90 kg is how many lbs?	

14. 0.035 l is equal to how many qt.?	
15. How many cm is 2345.98 in.?	

D. Temperature conversions

Work	Answers
16. How many °C. in 45.9 K?	
17. Convert 475 K to °C.	
18. How many K is -255 °C?	

E. Write down the following measurements

19 (a)	20 (b)	21
		
Write the answer in both cm and mm		
cm mm	cm mm	

E. Density

22. What is the density of gold if 24.5 grams of gold has a volume of 1.27 ml?	
23. What is the volume of 245 grams of lead if its density is 11.34 g/cc?	
24. What is the mass of 45 ml of lead?	