

- METRIC SYSTEM REVIEW AND PRACTICE STUFF REVIEW SHEET -

NAME THE METRIC BASIC UNIT:

1. distance _____
2. volume _____
3. mass _____

Convert the following measurements (write down both the question and answer in your notebook):

4. 987 m = _____ km

5. 1,234,560 mg = _____ kg

6. 456 L = _____ ml

7. 1km = _____ m

8. 1m = _____ cm

9. 1000m = _____ km

10. 1 cm = _____ mm

11. 1.5 L = _____ ml

12. 1 m = _____ mm

13. 1 kg = _____ mg

14. 1 kg = _____ lbs

15. 1 in = _____ cm

16. 1 gallon = _____ l

17. 1 mi = _____ km

Fill-in the correct metric prefixes for # 18 – 24 (and what they equal compared to the base unit):

18.	19.	20.	21.	22.	23.	24.
			BASE UNIT (list the 3)			

Name the Equipment

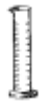
25. _____



27. _____



26. _____



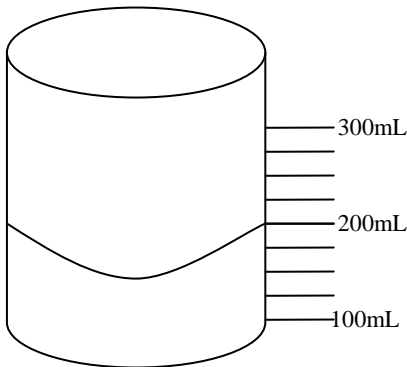
28. _____



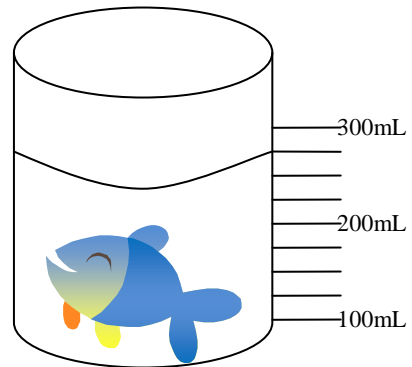
DETERMINING VOLUME OF AN IRREGULARLY SHAPED SOLID:

29. What is the volume of Mr. Goldfish fish? _____

Graduated cylinder with water before fish



Graduated cylinder with water after fish



30. What is the method for determining the volume of an **irregular solid** like the fish above? _____

31. Name the **curved line** used to measure liquid volume. _____

32. Name 1 country that **does not** use the metric system. _____

33. At what temperature Fahrenheit does book pages burn?

34. What weighs more **100 kg of feathers** *or* **100 kg of bricks and rocks**?

35. What is everything in the universe made of as far as we know?

100 plants are split into two separate groups in an experiment on natural pest control. One group has lady bugs spread throughout the 50 plants and the other group has nothing added for controlling **aphids** (small parasitic insects) from eating the plants. 86% of the plants with lady bugs were still alive after 4 weeks. 52% of plants without lady bugs were dead after 4 weeks.

36. Which group above is the **experimental group**? (plants with lady bugs *or* plants with no lady bugs)

37. Which is the **control group**? (plants with lady bugs *or* plants with no lady bugs)

38. What is the **variable** being tested?

39. What could you **infer** about the lady bugs from this study?

40. List the **7 steps** of the scientific method in the correct order.