

Scientific Skills study guide

① Metric ^{system} Based on units of _____ Name _____

② Unit for mass _____
③ Unit for liquid (volume) _____

④ Unit for ^(length) distance _____ or _____

⑤ What do we ^(equipment) use to measure liquids or volume? _____

⑥ What do we ^(equipment) use to measure mass? _____

⑦ What do we use to measure length? _____

⑧ How to find ^(formula) Volume of a Rectangular or Square object? _____


⑨ How to find ^(formula) Volume of an Irregular shaped object _____

⑩ What is density? _____

⑪ What is the formula for density? _____

12) Density of water is _____.
If an object has a density
of $> 1 \text{ g/cm}^3$ it will _____.
If an object has a density that
is $< 1 \text{ g/cm}^3$ it will _____.

13) You use a _____ to measure
temperature. The unit used
in temperature is _____.

14) Conversions in metric system

a) 163.4 kg _____ g

b) 490 mL _____ L

c) 0.38 mm _____ km

d) 194.49 dm _____ km

e) 16325 g _____ cg

f) 79.27 mL _____ dL

9) Know which prefix is bigger
than the others - Kilo > dec

15. Complete volume problem

16. Complete density problem