Scientific Skills study guide

Name _____

① Metric system Based on units of _____

② Unit for mass _____

③ Unit for liquid (volume) _____

④ unit for distance (length) _____ or _____

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

⑥ What do we use (equipment) 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? _____

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(12) Density of water is _____.
If an object has a density of >1 g/cm³ it will _____.
If an object has a density that is <1 g/cm³ 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 _____ mm
e) 16325 g _____ cg
f) 79.27 mL _____ dL

g) Know which prefix is bigger than the others. Kilo > deci

15. Complete volume problem

16. Complete density problem

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