Submit the answer in a piece of paper to your teacher, **do not** submit your notebook.

Q1) Perform the following SI units conversion **and** show your method, write the answer in Standard notation and **then** in scientific notation

*Standard form example: 0.03kg, scientific notation example: 3x10³ m*

1. 3km →m

3 X 1000m = 3000 m 3x10³m

1. 14700 g → kg
2. 183 mA → A
3. 40.0 mcd → cd
4. 0.06 km → m
5. 0.0049 kg → mg
6. 63 mm → km
7. 5.7 mg → g

5.7 X 0.001 = 0.0057 g 5.7x$10\_{}^{-3}$ g

1. 8.2 mg → kg
2. 19.5 mA → kA
3. 1750 μm → km
4. 33 nK → mK
5. 96 μs → Sec
6. 150 cm → km
150 cm ÷ 0.01 = 1.5 m
(there is 100 cm in 1m)
1.5 m ÷ 1000 = 0.0015 km 1.5x$10\_{}^{-3}$ km
7. 4.06 cm → km
8. 4500 mK → K
9. 970 mcd → kcd
10. 0.032 mg → kg
11. 4900 nA → mA
12. 0.097 mg → ng
13. 850 mm → km
14. 1487 A → mA
15. 22 kcd → mcd
16. 287000 mk → kK
17. 9 kcd → ncd
18. 631 ncd → μcd
19. 0.004 ms → μs
20. 75 minutes →hour
21. 4000 nA → cA
22. 50.0 mA → nA
23. 27° Celsius → Kelvin