Convert the following Problems Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | 1 | m | = |  | cm |
| 2 | 1 | mm | = |  | km |
| 3 | 27 | cm | = |  | mm |
| 4 | 347 | Kg | = |  | g |
| 5 | 3 | Yd | = |  | in |
| 6 | 0.91  | ml | = |  | cl |
| 7 | 40 | dag | = |  | mg |
| 8 | 7.1 | Kl | = |  | hl |
| 9 | 5000 | mg | = |  | g |
| 10 | 20 | In | = |  | cm |
| 11 | 81 | g | = |  | cg |
| 12 | 4 | ccg | = |  | G |
| 13 | 25 | Km | = |  | m |
| 14 | 28 | m | = |  | cm |
| 15 | 44 | lb | = |  | Kg |
| 16 | 6.812 | G | = |  | mg |
| 17 | 2.016 |  ml | = |  | Cl |
| 18 | 8 | Dag | = |  | g |
| 19 | 7.30 | cl | = |  | ml |
| 20 | 30 | L | = |  | Qt |
| 21 | 40 | Kg | = |  | mg |
| 22 | 75 | mg | = |  | G |
| 23 | 2 | Kg | = |  | G |
| 24 | 6 | L | = |  | cl |
| 25 | 10 | M | = |  | in |
| 26 | 52 | cl | = |  | ml |
| 27 | 71 | Kg | = |  | cg |
| 28 | 800 | cm | = |  | M |
| 29 | 400 | ml | = |  | cl |
| 30 | 42 | L | = |  | Qt |
| 31 | 44 | M | = |  | cm |
| 32 | 2 | Kg | = |  | mg |
| 33 | 2 | Kl | = |  | hl |
| 34 | 81 | cl | = |  | ml |
| 35 | 55.88 | Cm | = |  | in |
| 36 | 771 | L | = |  | Kl |
| 37 | 4 | Mg | = |  | G |
| 38 | 42 | Dag | = |  | G |
| 39 | 42 | Dag | = |  | Kg |
| 40 | 787.4 | In | = |  | M |
| 41 | 100 | ml | = |  | L |
| 42 | 22 | G | = |  | Mg |
| 43 | .908 | ml | = |  | Cl |
| 44 | 2 | G | = |  | Cg |
| 45 | 908 | G | = |  | Lb |
| 46 | 1320 | G | = |  | Kg |
| 47 | 88 | mg | = |  | G |
| 48 | 100 | Cm | = |  | M |

1. Convert the following temperatures:

**C=** $\frac{5}{9}$ **x (F-32) F= (** $\frac{9}{5}$ **x C) + 32 K= C + 273 C= K- 273**

1. 32 F = \_\_\_\_\_ C 11. 113 F = \_\_\_\_K 21. 288 K = \_\_\_\_F
2. 77 K= \_\_\_\_\_ F 12. 25 C = \_\_\_\_\_F 22. 100 C = \_\_\_\_F
3. -109 F = \_\_\_\_ C 13. 77C= \_\_\_\_\_F 23. -273 K = \_\_\_\_C
4. 98.6 F = \_\_\_\_ K 14. 41 C = \_\_\_\_\_F 24. 15 F = \_\_\_\_\_C
5. 212 F = \_\_\_\_C 15. 37 C = \_\_\_\_\_F 25. 45 C = \_\_\_\_\_F
6. 22 C = \_\_\_\_ K 16. 59 F = \_\_\_\_\_C 26. 20 F= \_\_\_\_\_\_C
7. 0.00 K = \_\_\_\_ F 17. 375 K = \_\_\_\_C 27. -450K = \_\_\_\_\_C
8. 2.73 K = \_\_\_\_ C 18. 39 C = \_\_\_\_\_F 28. 350 K = \_\_\_\_\_C
9. 42 F = \_\_\_\_ K 19. 250 K = \_\_\_\_C 29. 202 F = \_\_\_\_\_C
10. 120 K = \_\_\_\_ C 20. 13 F = \_\_\_\_\_C 30. 176 F = \_\_\_\_\_C

Express the following in Scientific Notation: **( 2 points each)**

1. 1000000 6. 0.94140000
2. 0.00000001 7. 285000000000000
3. 1000000000.00 8. 0.00000000000000324
4. 0.000000639 9. 28100000
5. 79000000 10. 371

Convert the following:

1. 2362 g = \_\_\_\_\_\_lbs.

2. 2.2 m = \_\_\_\_\_\_in.

3. 63.5 cm = \_\_\_\_\_\_in.

4. 630 lbs. = \_\_\_\_\_\_kg

5. 742 qt. = \_\_\_\_\_L

6. 2 lbs. = \_\_\_\_\_g

7. 196.85 in = \_\_\_\_\_\_m

8. 6.6 lbs = \_\_\_\_\_\_kg

9. 20m = \_\_\_\_\_\_\_\_in

10. 32 kg = \_\_\_\_\_\_\_lbs

11. 83.82 cm = \_\_\_\_\_\_\_in.

12. 10 ft = \_\_\_\_\_\_\_in.

13. 60 L = \_\_\_\_\_\_\_\_qt

14. 6 lbs. = \_\_\_\_\_\_\_\_g

15. 7 fl. Oz = \_\_\_\_\_\_ml