# Metric Prefixes and Units

**Use online research or other resources to fill in the blanks on the table below with the missing information. Use a pencil of erasable pen so you can fix any mistakes.**

|  |  |  |
| --- | --- | --- |
| **Property** | **Metric Base Unit** | **Abbreviation** |
| **mass** |  |  |
| **volume** |  |  |
| **length** |  |  |
|  | **degree Celsius** | **oC** |
| **weight/force** |  | **N** |

|  |  |  |
| --- | --- | --- |
| **Place Value** | **Metric Prefix** | **Abbreviation** |
| **1000** |  |  |
| **100** |  | **da** |
| **10** |  |  |
| **(1) Base Unit** | **No Prefix** | **- - -** |
| **0.1** | **deci-** |  |
| **0.01** |  |  |
| **0.001** |  | **m** |

**Metric Review Worksheet**

# Metric Abbreviations and Prefixes Practice

**Rewrite each of the following using numbers and appropriate metric abbreviations.**

1. Nine hundred seventy five meters \_\_\_975m\_\_\_\_
2. Eight hundred six centimeters \_\_\_\_\_\_\_\_\_\_\_\_
3. Seven hundred fifty deciliters \_\_\_\_\_\_\_\_\_\_\_\_
4. Twenty two point five zero dekaliters \_\_\_\_\_\_\_\_\_\_\_\_
5. Two point seven five zero hectograms \_\_\_\_\_\_\_\_\_\_\_\_
6. Point zero seven five milligrams \_\_\_\_\_\_\_\_\_\_\_\_
7. One point three zero nine centimeters \_\_\_\_\_\_\_\_\_\_\_\_
8. Six thousand two hundred forty-two meters \_\_\_\_\_\_\_\_\_\_\_\_
9. Eleven thousand nine hundred seven centigrams \_\_\_\_\_\_\_\_\_\_\_\_
10. Write each of the following out in words.
11. 25.6 cL \_\_\_\_\_\_\_twenty five point six centiliters\_\_\_\_\_\_\_
12. 9.2 km \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
13. 23.48 mg \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
14. .054 hm \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
15. 99.01 mm \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
16. 2.22 dam \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_