

NAME:

DUE DATE:

PD

Complete the charts below by filling in the appropriate prefix and symbol.

**Directions: Convert ALL numbers to BASE first then Circle the greatest metric measurement in each group**

- |                  |               |                |
|------------------|---------------|----------------|
| 1.) 4000cm,      | 50,000mm,     | 4.5m           |
| 2.) 2.6 L,       | 2900 mL,      | 5000 cL        |
| 3.) 31,000 mg,   | 7500 cg,      | 1.7Kg          |
| 4.) 14 L,        | 50,000 mL,    | 8900 cL        |
| 5.) 23 m,        | 27,000 cm,    | 27,000,005 mm  |
| 6.) 32,000 cg,   | 37,300 mg,    | 3.5 Kg         |
| 7.) 3920 cg,     | 1.5 Kg,       | 300,843 mg     |
| 8.) 213 L,       | 3.1 KL,       | 3,200,540 mL   |
| 9.) 720,000 cg,  | 27Kg,         | 321,002,394 mg |
| 10.) 948,304 mL, | 312,394 cL,   | 22 KL          |
| 11.) 1.2Km       | 420m,         | 4,230cm        |
| 12.) 43 g        | 43 Kg,        | 43 mg          |
| 13.) 27,000 cm   | 12,000mm,     | 21Km           |
| 14.) 4,300 mL    | 34KL,         | 75 L           |
| 15.) 41,436 g,   | 8,002,980 mg, | 23Kg           |

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|------------------|---------------|----------------|
| 16.) 5 Km,       | 52,000 cm,    | 52 m           |
| 17.) 6L,         | 900 mL,       | 400 cL         |
| 18.) 300 mg,     | 1,500 g,      | 1Kg            |
| 19.) 3.2 L,      | 30,000 mL,    | 3100 cL        |
| 20.) 31m,        | 27,000 cm,    | 60,005 mm      |
| 21.) 12,000 cg,  | 22,300 mg,    | 2.5 Kg         |
| 22.) 2320 cg,    | 2.2 Kg,       | 20,843 mg      |
| 23.) 321 L,      | 3.1KL,        | 3,200,210 mL   |
| 24.) 320,000 cg, | 37Kg,         | 327,002,394 mg |
| 25.) 98,204 mL,  | 232,394 L,    | 12 KL          |
| 26.) 3.2Km,      | 620m,         | 7,230cm        |
| 27.) 31 g,       | 23Kg,         | 13 mg          |
| 28.) 32,000 cm,  | 42,000 mm,    | 41 Km          |
| 29.) 6,300 mL,   | 26 KL,        | 25 L           |
| 30.) 3,436 g,    | 3,002,980 mg, | 3 Kg           |