

# Measuring in Metrics

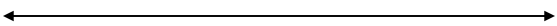
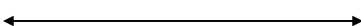
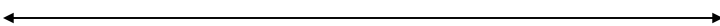
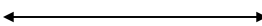
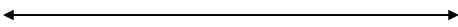
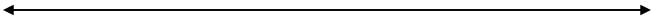

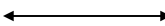
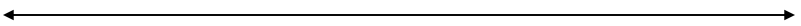

## Introduction to Metrics

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Per: \_\_\_\_\_

Determine the length of the following lines. Give your answer in **Centimeters**. Accuracy is to the nearest  $1/10^{\text{th}}$  of centimeter.

1.  \_\_\_\_\_
2.  \_\_\_\_\_
3.  \_\_\_\_\_
4.  \_\_\_\_\_
5.  \_\_\_\_\_
6.  \_\_\_\_\_
7.  \_\_\_\_\_
8.  \_\_\_\_\_
9.  \_\_\_\_\_
10.  \_\_\_\_\_

Convert the dimensions or questions 1-10, from centimeters to decimeters.

- |           |           |           |
|-----------|-----------|-----------|
| 11. _____ | 12. _____ | 13. _____ |
| 14. _____ | 15. _____ | 16. _____ |
| 17. _____ | 18. _____ | 19. _____ |
| 20. _____ |           |           |

Convert the following masses from kilograms to grams.

- |                          |                           |
|--------------------------|---------------------------|
| 21. 1.60 kilograms _____ | 22. 16.30 kilograms _____ |
| 23. .009 kg _____        | 24. 89.00 kg _____        |
| 25. .126 kg _____        | 26. 100.00 kg _____       |

On the back of this paper create 10 conversion questions with the answers circled.