

## Metric Activity

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

Date/Class: \_\_\_\_\_

Materials: 1 yard stick, pencil, worksheet

Purpose: To use the metric system to measure various items and convert from a base unit into other units.

Measure the following and record the measurement in the listed unit. Remember you may have to convert units.

1. Height of football team bench \_\_\_\_\_ cm.
2. Width of football field \_\_\_\_\_ mm.
3. Width of the long jump pit (short way) \_\_\_\_\_ km.
4. Height of visitor team bleachers \_\_\_\_\_ mm. *-OR- team bench*
5. Width of five lanes of the track \_\_\_\_\_ mm.
6. Distance between yard lines on the football field \_\_\_\_\_ cm.
7. Length of football field from goal line to goal line \_\_\_\_\_ km.
8. Distance between three posts on chain link fence \_\_\_\_\_ m.
9. Length of rubberized long jump run-way \_\_\_\_\_ cm.
10. Height of a female student \_\_\_\_\_ cm.

Convert the following using your metric machine:

- |                         |                            |
|-------------------------|----------------------------|
| a) 600 cm = _____ mm    | f) 1.494 m = _____ mm      |
| b) 475 m = _____ cm     | g) 688,018 mm = _____ km   |
| c) 247.6 mm = _____ cm  | h) 1.62 cm = _____ mm      |
| d) 450.0 km = _____ mm  | i) 28.912 cm = _____ m     |
| e) 250,000 mm = _____ m | j) 2,555,055 mm = _____ km |