

## MEASUREMENT REVIEW ACTIVITY

- 1) WHAT IS YOUR HEIGHT IN METERS?
- 2) WHAT IS YOUR HEIGHT IN CENTI METERS?
- 3) IN A GRADUATED CYLINDER MEASURE 100ML OF WATER; THEN POUR THE WATER FROM THE GRADUATED CYLINDER INTO A SMALL BEAKER. WHAT VOLUME DOES THE BEAKER READ FOR THE WATER.
- 4) WITH A METER STICK, MEASURE AND RECORD THE FOLLOWING ITEMS:
  - A. THE LENGTH, WIDTH, AND HEIGHT OF THE BOOKSHELF
  - B. THE LENGTH, WIDTH, AND HEIGHT OF THE DESK TOP
  - C. THE LENGTH, WIDTH, AND HEIGHT OF THE ROOM
  - D. THE LENGTH AND WIDTH OF THE BLACKBOARD
- 5) CALCULATE THE VOLUME OF THE FOLLOWING:
  - A. BOOKSHELF
  - B. DESK TOP
  - C. THE ROOM
- 6) CALCULATE THE AREA OF THE BLACKBOARD
- 7) CALCULATE THE DENSITY OF A RUBBER STOPPER IF THE MASS IS 4.3 GRAMS.
- 8) USING A GRADUATED CYLINDER, MEASURE THE VOLUME OF A MARBLE.
- 9) CALCULATE THE DENSITY OF THE MARBLE IF THE MASS IS 1.8 GRAMS
- 10) WHEN MEASURING LIQUIDS IN A GRADUATED CYLINDER, DO YOU READ THE TOP OR THE BOTTOM OF THE MENISCUS?
- 11) NAME THE STANDARD UNIT FOR THE FOLLOWING:
  - A. VOLUME
  - B. LENGTH
  - C. TEMPERATURE
  - D. TIME
  - E. MASS IN THE METRIC SYSTEM
- 12) WHAT IS DENSITY?
- 13) HOW IS THE VOLUME OF AN IRREGULARLY SHAPED OBJECT DETERMINED?
- 14) IF AN OBJECT HAS A MASS OF 42 GRAMS AND A VOLUME OF 15 ML, WHAT IS ITS DENSITY?
- 15) WHAT PREFIXES ARE USED TO REPRESENT THE FOLLOWING:  
  
1/10, .01, 1/1000, 1000, 10, 1,000,000 1/1,000,000,000