

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

## PHYSICAL ANTHROPOLOGY LAB # 1

### GENETICS, MITOSIS, MEIOSIS

**OBJECTIVES:** To understand the principles of Mendelian genetics (laws of segregation and independent assortment), how cells divide (mitosis and meiosis), and how to solve problems which utilize genetic concepts and principles.

**READING:** Chapter 1 (pp. 1-13) of lab manual and Chapters 3 & 4 of Jurmain et al.

#### EXERCISES:

1. Complete Exercises **1.1**, **1.2**, & **1.3** on pp. 11-13 in the lab manual.

If necessary, detach (or photocopy) appropriate pages with exercises from the lab manual for grading.

