

**Writing Project #2 was due Sunday**

**Test 3 over Chapter 3 due WEDNESDAY**

**E-Mail me for when you want to re-take your Midterm. Give a specific time or times and we will try to meet that time.**

**You have 9 days remaining to reach out.**

## Key Formulas for Section 4.2

$$5 \quad \sum_{i=1}^n i = \frac{n(n+1)}{2}$$

$$6 \quad \sum_{i=1}^n i^2 = \frac{n(n+1)(2n+1)}{6}$$

$$7 \quad \sum_{i=1}^n i^3 = \left[ \frac{n(n+1)}{2} \right]^2$$

Also:

$$\sum_{k=1}^n 1 = \underbrace{1 + 1 + 1 + \dots + 1}_{n \text{ of 'em'}} = n$$

$$\sum_{k=1}^n c = nc$$