

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

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

DISCRETE

TROICI/GOSSE

**LESSON #2: CREATE YOUR OWN SIGMA!**

Do Now: Evaluate the following:

$$1) \sum_{m=1}^5 (4m^2 + 4)$$

$$2) \sum_{k=1}^5 (30 - k^2)$$

**CREATE YOUR OWN SUMMATION!**

*Directions:* You will create your own summations on the index cards provided. You must make sure you have the following parts:

- A starting value
- An ending value
- The rule (cannot be "n")

After you have created and solved your summation, meet with other groups and solve each-others. Keep a record of all the summations you solve on the back of this sheet.

**CREATE YOUR OWN SUMMATION! (WORK SPACE)**

$$\sum$$

$n =$   
\_\_\_\_\_

**ANSWER EACH OTHERS SUMMATIONS!**

1.)

2.)

3.)

4.)

5.)

6.)

7.)

8.)

9.)

10.)