

## SCORING GUIDE FOR “SHADOWS” PORTFOLIO

| <b>1. COVER LETTER INTRODUCTION (28 pts)</b>   | <b>Max<br/>Score</b> | <b>Score</b> |
|--|----------------------|--------------|
| a. Identify and describe the unit’s central problem  | <b>6</b>             |              |
| b. Describe mathematical ideas addressed in the unit   | <b>8</b>             |              |
| c. Describe how the key ideas were developed in the unit   | <b>6</b>             |              |
| d. Describe how the key ideas were used to solve the central problem   | <b>8</b>             |              |
| <b>2. Explanation for Selected Papers (16 pts)</b>   |                      |              |
| f. Describe how your selected papers helped you understand the concept of similarity and how to use it (HW 25) | <b>4</b>             |              |
| g. Describe how your selected papers were important in developing the key ideas of this unit                   | <b>4</b>             |              |
| h. Describe why you selected this POW to include in your portfolio   | <b>4</b>             |              |
| i. Describe other quality work that represents your “best efforts”   | <b>4</b>             |              |
| <b>3. SELECTED PAPERS FROM SHADOWS(20 pts)</b>   |                      |              |
| a. Homework #25: Beginning Portfolio Selection   | <b>4</b>             |              |
| b. Selected papers that helped you understand similarity   | <b>4</b>             |              |
| c. Selected papers that were important in developing the key idea of this unit                                 | <b>4</b>             |              |
| d. A selected POW from the unit  | <b>4</b>             |              |
| e. Selected papers for “Other Quality Work”  | <b>4</b>             |              |
| <b>4. END-OF-YEAR-REVIEW (32 pts)</b>  |                      |              |
| a. Describe how this year’s math class was different from your previous work in mathematics                    | <b>4</b>             |              |
| b. Describe how this year’s math experience was different from the ways you previously learned mathematics     | <b>4</b>             |              |
| c. Describe how you changed personally as a result of this years experience in the IMP Program                 | <b>4</b>             |              |
| d. Describe how this years experience in the IMP Program affected your confidence in your own ability          | <b>4</b>             |              |
| e. Describe how this years experience in the IMP Program helped you in terms of your work with others          | <b>4</b>             |              |
| f. Describe your mathematical goals for the rest of your high school years                                     | <b>4</b>             |              |
| g. Describe how your mathematical goals have changed over the past year, and why                               | <b>4</b>             |              |
| h. Describe any other thoughts you might like to share about the year  | <b>4</b>             |              |
| <b>5. SELF-ASSESSMENT OF PORTFOLIO (4 pts)</b>   |                      |              |
| a. Grade and Justify your work using a self-assessment scoring rubric  | <b>4</b>             |              |
| <b>TOTAL SCORE</b>   |                      | <b>100</b>   |