

SCORING GUIDE “Do Bees Build It Best?” PORTFOLIO

1.etter Introduction (36 pts)	MAX SCORE
a. Identify and describe the main mathematical ideas	12
b. Describe how the key ideas of area and volume were developed	12
c. Describe how the key ideas of area and volume were used to solve the central problem	12
2. Explanation for Selected Papers (20 pts)	
a. Describe why you selected the POW you included in your portfolio	10
b. Describe how the additional work you included demonstrates your best efforts	10
3. SELECTED PAPERS FROM SOLVE IT! (24 pts)	
a. Homework 28: Portfolio of Formulas1	10
b. Selected POW	6
c. Other High Quality Work	8
4. Personal Growth (16 pts)	
a. Describe the project’s role in helping you understand the mathematical ideas of the unit	4
b. Describe the project’s role in giving you an appreciation for the usefulness or significance of the mathematical ideas in the unit	4
c. Describe any experiences of working with a partner on an extended project	4
d. Describe any other thoughts about your experiences you want to share about working on a project	4
5. SELF-ASSESSMENT OF PORTFOLIO (4 pts)	
a. Grade and Justify your work using a self-assessment scoring rubric	4
TOTAL SCORE	100