

Chapter 5: Beauty

1. Which of the types of beauty (sensory, wondrous, insightful, or transcendent) described in the chapter are most prevalent in your major/area of interest? Describe some examples.
2. What's an experience you've had with mathematical beauty? Would you classify it as sensory, wondrous, insightful, or transcendent beauty? How did that experience make you feel?
3. In what disciplines/subjects have you seen the human desire for beauty acknowledged, either implicitly or explicitly? Give some examples.
4. In what ways is an appreciation of mathematical beauty similar to an appreciation of beauty in Christian faith? In what ways does it seem different to you?

Chapter 6: Permanence

1. What mathematical laws, truths, or ideas do you rely on in your daily life?
2. In what other disciplines/areas of study are there laws, truths, or ideas that have permanence? Give any examples you can think of.
3. How is mathematics a refuge? For whom is it a refuge?
4. Many things in the universe change over time. Do you find it surprising that the laws of mathematics do not change over time? Why or why not?