

**Math 10 extra credit**  
**Infinity**

Note that there are no right or wrong answers to these questions; the point is to get an idea of how you think about infinity before we get too far into Chapter 3.

1. Describe what infinity is. In particular, describe how infinity relates to ordinary numbers as you know them and how infinity relates to other mathematical ideas that are more familiar to you.
2. Come up with at least two questions about infinity that you would personally like to know the answer to.