# Pre-class Questions: Section 1.2

**Purpose:** These questions give you an easy way to start engaging with the textbook and prepare you for class. Some of the questions are meant to help with self reflection and others help test your understanding of the material.

**Task:** You can answer these questions as you read the section or after you've finished. As this is your first point of contact with the material, you are not expected to get everything correct, but answer to the best of your abilities.

1. When does a *limit from the left* exist and when does it not exist?

2. When does a *limit* exist and when does it not exist?

3. In your own words, describe what the limit

$$\lim_{x \to a} f(x)$$

   computes.

4. Can you think of a function that it would be hard to compute the limit of at a certain value?

5. What questions do you still have about limits?