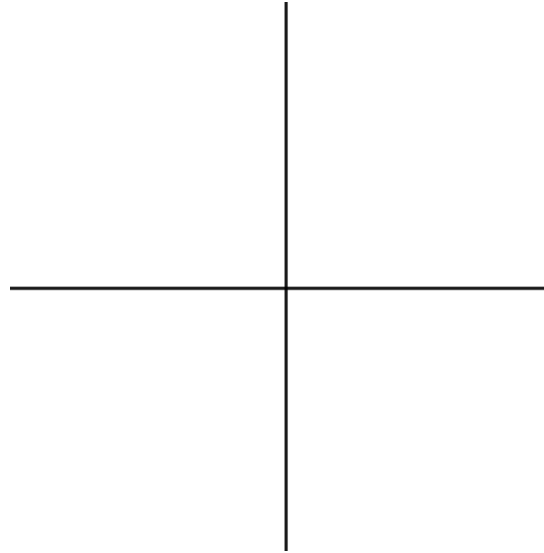


Ways to Describe End Behavior

- ❑ On the **left side**, the graph goes **up** / **down**
- ❑ As x gets very **negative**, the graph of $f(x)$ goes **up** / **down**
- ❑ As the inputs get very **negative**, the outputs get very **positive** / **negative**
- ★ As inputs gets **larger and larger in the negative direction**, outputs get larger and larger in the **positive** / **negative** direction



- ❑ On the **right side**, the graph goes **up** / **down**
- ❑ As x gets very **positive**, the graph of $f(x)$ goes **up** / **down**
- ❑ As the inputs get very **positive**, the outputs get very **positive** / **negative**
- ★ As inputs gets **larger and larger in the positive direction**, outputs get larger and larger in the **positive** / **negative** direction