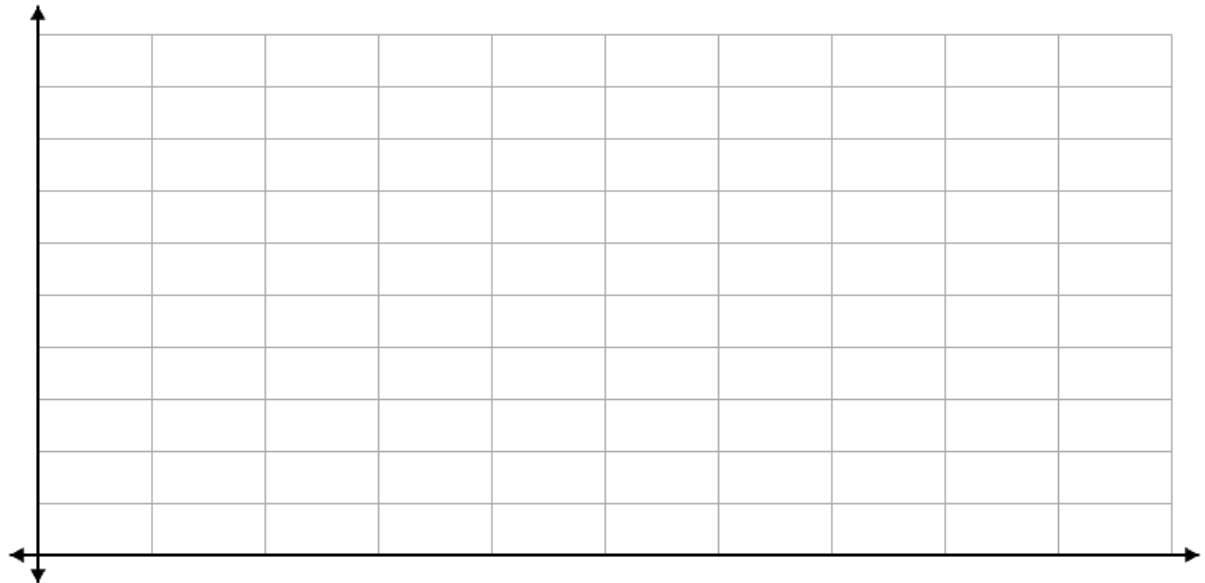


## RESIDENT VS. NON-RESIDENT

Year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Resident</b>	\$7,341	\$7,695	\$8,065	\$8,631	\$11,762	\$11,762	\$11,762	\$11,762	\$12,011	\$9,311
<b>Non-Resident</b>	\$19,530	\$19,469	\$21,451	\$22,953	\$26,918	\$27,143	\$27,143	\$27,143	\$27,815	\$25,879

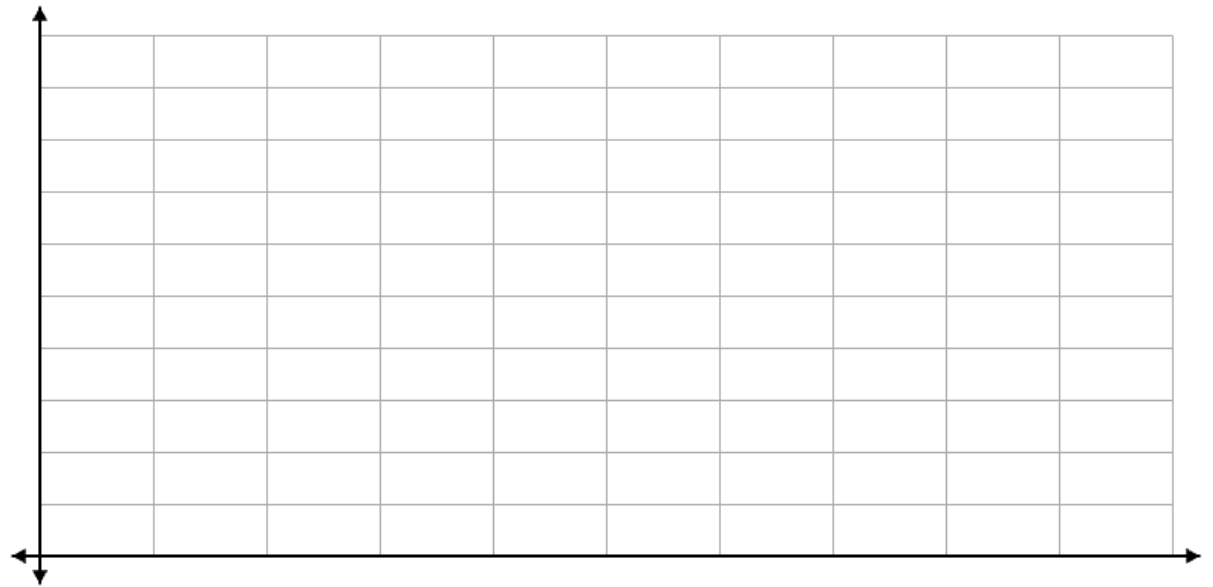
### Resident

Year	Cost



## Non- Resident

Year	Cost



1. Are these graphs functions? How do you know?

2. What is the average tuition cost for residents over this time period?
3. What is the average tuition cost for non-residents over this time period?

Use the resident data to answer questions 4 and 5.

4. Find the slope of the line that connects 2013 to the following years:
  - a. 2015
  - b. 2017
  - c. 2022
5. Is the graph for resident tuition linear? How do you know?
6. Is the graph for non-resident tuition linear? How do you know?