Lesson 2 Exit Ticket 1

1. Graph $y=(-2x+4)^{2}-3$.

Lesson 2 Exit Ticket 2

1. Find the vertex of $y=6x^{2}+4$. Is it a minimum or maximum?

Lesson 2 Exit Ticket 3

1. Find the domain and range of $y=5x^{2}-8$.

Lesson 2 Exit Ticket 4

1. Describe how you find the rate of change of a quadratic function. Provide an example.

Lesson 2 Exit Ticket 5

1. Provide a real-world quadratic function example. Give details related to the graph, such as vertex, whether it opens up or down, minimum/maximum, domain, range, and rate of change, and relate these details to the context of the problem.