

Name: _____

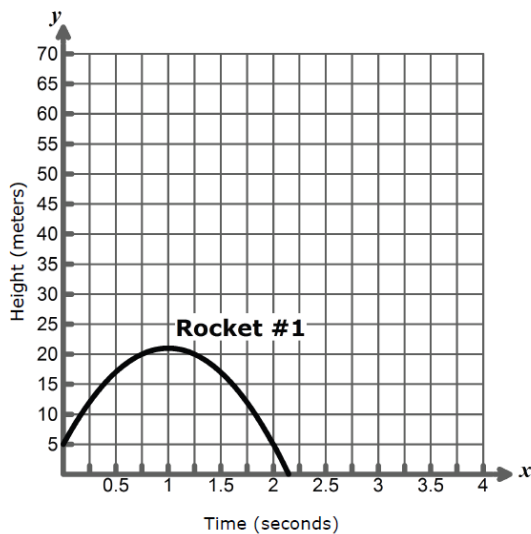
Analyzing Graphs of Quadratic Functions

Launch!

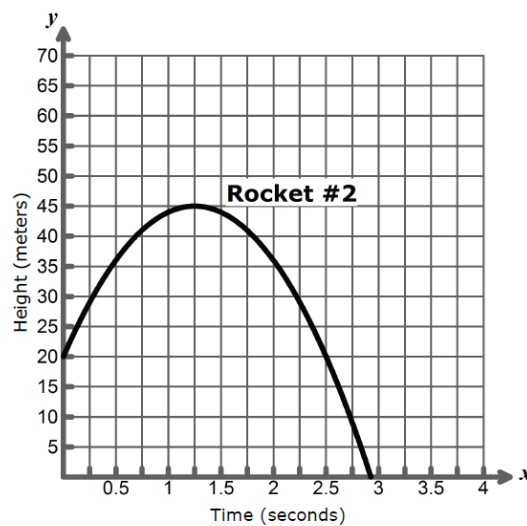
Three rockets are launched at the same time. Each person in the group chooses one rocket. Each graph shows the height of one rocket over time. Work with your group to answer these questions.

1. Which rocket returned to ground level first? _____
2. Which rocket reached the greatest height? _____ What height did it reach? _____
3. How many seconds was your rocket in the air? _____ Which rocket(s) was in the air for more than 2.5 seconds? _____
4. From what height was your rocket launched? _____ Which rockets were at the same height at the same time? _____ What was the height and time? _____
5. Which rocket(s) reached a height of at least 25 meters? _____
6. Which rocket was launched from a height of 10 meters? _____

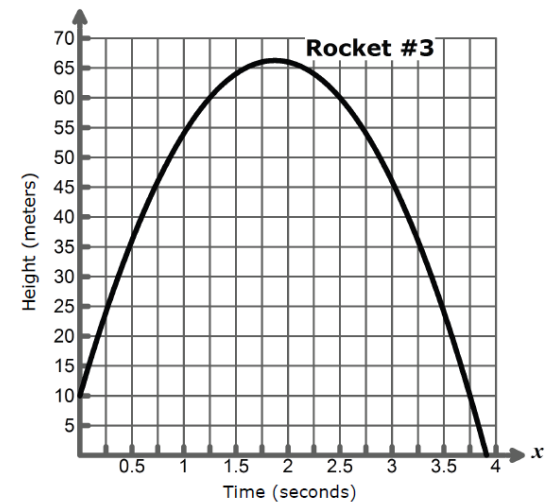
Rocket Graph (1)



Rocket Graph (2)



Rocket Graph (3)



Rocket Graph (2)

Rocket Graph (3) (1)

