Activity 1 of Lesson 2: Characterize a Type of Non-Proportional Reasoning

Questions to Discuss:

1. Characterize in general the type of reasoning that you see in both the students' responses to the Orange Juice Task and Bonita's initial response to the last Leaky Faucet Task (see work on back):

2. If you are a student reasoning in the way you described for Question 1, how might you respond to the following task:

Swimming Pool Task: Water is being pumped through a hose into a large swimming pool. The table shows the amount of water in the pool over time.

Do you think the water is being pumped equally fast over time or is it being pumped faster at certain times?

Time	Amount of
in minutes	Water
	in gallons
0	0
3	6
5	10
9	18

Reminders of Students' Work on the Orange Juice Task & Bonita's Response to the Faucet Task are on the Back

Activity 1 of Lesson 2: Characterize a Type of Non-Proportional Reasoning

