

EXPLORE ACTIVITY 2 (cont'd)

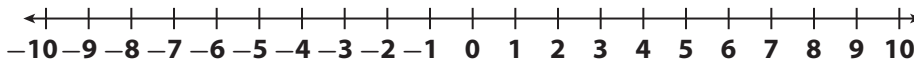
Reflect

11. **Analyze Relationships** Use absolute value to describe the relationship between a negative credit card balance and the amount owed.

Guided Practice

1. **Vocabulary** If a number is _____, then the number is less than its absolute value. (Explore Activity 1)
2. If Ryan pays his car insurance for the year in full, he will get a credit of \$28. If he chooses to pay a monthly premium, he will pay a \$10 late fee for any month that the payment is late. (Explore Activity 1, Example 1)
- a. Which of these values could be represented with a negative number? Explain.

- b. Use the number line to find the absolute value of your answer from part a. _____



3. Leo, Gabrielle, Sinea, and Tomas are playing a video game. Their scores are described in the table below. (Explore Activity 2)

Name	Leo	Gabrielle	Sinea
Score	less than -100 points	20 more points than Leo	50 points less than Leo

- a. Leo wants to earn enough points to have a positive score. Does he need to earn more than 100 points or less than 100 points? _____
- b. Gabrielle wants to earn enough points to not have a negative score. Does she need to earn more points than Leo or less points than Leo? _____
- c. Sinea wants to earn enough points to have a higher score than Leo. Does she need to earn more than 50 points or less than 50 points? _____



ESSENTIAL QUESTION CHECK-IN

4. When is the absolute value of a number equal to the number?
