## **Compare Absolute Values**



**COMMON CORE STANDARD**—6.NS.7D Apply and extend previous understandings of numbers to the system of rational numbers.

## Solve.

 Jamie scored <sup>-5</sup> points on her turn at a trivia game. In Veronica's turn, she scored more points than Jamie. Use absolute value to describe Veronica's score as a loss.

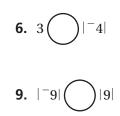
In this situation, |<sup>-5</sup>| represents a loss of **5** points. Veronica lost **fewer** than 5 points.

**3.** The table shows changes in the savings accounts of five students. Which student had the greatest increase in money? By how much did the student's account increase?

**2.** The low temperature on Friday was <sup>-</sup>10°F. The low temperature on Saturday was colder. Use absolute value to describe the temperature on Saturday as a temperature below zero.

The temperature on Saturday was \_\_\_\_\_ than 10 degrees below zero.

Student	Account Change (\$)
Brett	-12
Destiny	-36
Carissa	15
Rylan	10



**11.** During a game, Naomi lost points. She lost fewer than 3 points. Use an integer to describe her possible score.

- Compare. Write <, >, or =.
- **4.** <sup>-</sup>16
- **7.** |<sup>-</sup>12|



**5.** 20

|20|

## Problem Solving (Reality)

**10.** On Wednesday, Miguel's bank account balance was <sup>-</sup>\$55. On Thursday, his balance was less than that. Use absolute value to describe Miguel's balance on Thursday as a debt.

In this situation, <sup>-</sup>\$55 represents a debt of

\_\_\_\_\_. On Thursday, Miguel had a debt of

\_\_\_\_\_ than \$55.