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 ⁻⁵ 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.

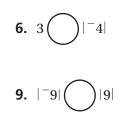
In this situation, |⁻⁵| represents a loss of **5** points. Veronica lost **fewer** than 5 points.

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 ⁻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.** ⁻16
- **7.** |⁻12|



5. 20

|20|

Problem Solving (Reality)

10. On Wednesday, Miguel's bank account balance was ⁻\$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, ⁻\$55 represents a debt of

_____. On Thursday, Miguel had a debt of

_____ than \$55.