

Name _____

Compare Absolute Values



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

Solve.

1. 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

Compare. Write $<$, $>$, or $=$.

4. -16 $|-16|$

5. 20 $|20|$

6. 3 $|-4|$

7. $|-12|$ $|-11|$

8. $|25|$ $|27|$

9. $|-9|$ $|9|$

Problem Solving

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 $\$55$.

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