LESSON MAKER PRO

Integer Showdown

Compare positive and negative integers with symbols.

GRADE 6 · 6.NS.2.c

6.NS.2.c "Compare integers, using mathematical symbols (<, >, =)."

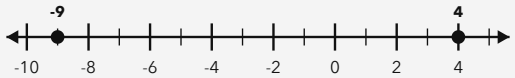
NAME _____ DATE _____

COMPARE ON A NUMBER LINE

On a horizontal number line, numbers get greater as you move right. A positive integer is greater than any negative integer, and among negative integers, the number farther left is smaller. Use < for is less than, > for is greater than, and = for the same value.

WORKED EXAMPLE

Compare -9 and 4. Write <, >, or =.



1. Find -9 and 4 on the number line.
2. 4 is to the right of -9.
3. The number farther right is greater.

Answer: -9 < 4

PRACTICE 6 problems

1 Compare -3 and 5. Write <, >, or =.

ANSWER _____

2 Compare -12 and -7. Write <, >, or =.

ANSWER _____

3 Compare 0 and -1. Write <, >, or =.

ANSWER _____

4 Compare 8 and 8. Write <, >, or =.

ANSWER _____

5 Compare -15 and -19. Write <, >, or =.

ANSWER _____

6 Compare 6 and -6. Write <, >, or =.

ANSWER _____

APPLY IT Show your work

1 In a game tournament, Ava has -6 points after a penalty. Diego has -11 points. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

2 A snorkeling app records depth compared with sea level. Nia is at -14 meters, and Omar is at -3 meters. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

CHALLENGE One step up

Use < and = to place these integers in order from least to greatest: -2, 7, -8, 0, -2.

WORK SPACE AND ANSWER

ANSWER KEY

Integer Showdown

GRADE 6 · 6.NS.2.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	Compare -3 and 5. Write <, >, or =.	**-3 < 5**
2	Compare -12 and -7. Write <, >, or =.	**-12 < -7**
3	Compare 0 and -1. Write <, >, or =.	**0 > -1**
4	Compare 8 and 8. Write <, >, or =.	**8 = 8**
5	Compare -15 and -19. Write <, >, or =.	**-15 > -19**
6	Compare 6 and -6. Write <, >, or =.	**6 > -6**

PART 2 · APPLY IT

1. **-6 > -11** Compare the two negative scores. -6 is closer to zero, so it is greater than -11.
2. **-14 < -3** Both depths are negative. -14 is farther left on a number line, so it is less than -3.

CHALLENGE

-8 < -2 = -2 < 0 < 7

Accept comparison statements with the correct symbol and numbers in the order given. For the challenge, accept only an order that shows the two -2 values as equal.