LESSON MAKER PRO

Integer Showdown

Use <, >, and = to compare integers.

GRADE 6 · 6.NS.2.c

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

NAME _____ DATE _____

COMPARE INTEGER VALUES

Positive integers are greater than zero, and negative integers are less than zero. Between two negative integers, the number closer to zero is greater. Use < for "less than," > for "greater than," and = for "equal to."

WORKED EXAMPLE

Compare -4 and -9.

1. Both integers are negative.
2. -4 is closer to zero than -9.
3. So -4 has the greater value.

Answer: -4 > -9

PRACTICE 6 problems

1 14 ___ -2

ANSWER _____

2 -11 ___ -5

ANSWER _____

3 0 ___ -1

ANSWER _____

4 8 ___ 8

ANSWER _____

5 -17 ___ -21

ANSWER _____

6 -6 ___ 3

ANSWER _____

APPLY IT Show your work

1 Two hikers track their elevations below sea level. Maya is at -120 meters, and Jordan is at -85 meters. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

2 In a video game, Eli has 35 points and Noor has 42 points. Write a comparison using <, >, or =.

WORK SPACE

ANSWER _____

CHALLENGE One step up

CHALLENGE

Compare the values of -3 + -6 and -12. Write a comparison using <, >, or =.

_____

_____

ANSWER KEY

Integer Showdown

GRADE 6 · 6.NS.2.c

PART 1 · PRACTICE

#	PROBLEM	ANSWER
1	14 ___ -2	**14 > -2**
2	-11 ___ -5	**-11 < -5**
3	0 ___ -1	**0 > -1**
4	8 ___ 8	**8 = 8**
5	-17 ___ -21	**-17 > -21**
6	-6 ___ 3	**-6 < 3**

PART 2 · APPLY IT

1. **-120 < -85** Both elevations are negative. Since -120 is farther below zero than -85, -120 is less than -85.
2. **35 < 42** Both scores are positive. Since 35 is less than 42, use the less-than symbol.

CHALLENGE

-3 + -6 > -12

Accept correctly oriented comparison statements with the same values, such as 42 > 35 for the second word problem. For the challenge, students may first find that -3 + -6 equals -9.