

Name:

ANSWERS!

Period:



Communication



Autonomy/Partnership



Encouragement



Solving Problems Together



Collaboration

Part 6-4 Classwork A

No Calculators

Question 01

On a horizontal number line, -43 is located to the left of -35 .

Enter an inequality that represents this statement.

$$-43 < -35$$

or

$$-35 > -43$$

Question 02

On a day in January, a weather forecaster predicts the high temperature in Madison, Wisconsin, will be -8°F .

She also predicts the high temperature in Bismarck, North Dakota, on that same day will be -13°F .

Enter an inequality that compares these two temperatures.

$$-8 > -13$$

or

$$-13 < -8$$

Question 03

The coldest temperature ever reported in Minnesota was -60 degrees Fahrenheit.

The coldest temperature ever reported in Indiana was -36 degrees Fahrenheit.

Enter an inequality that compares these two temperatures.

$$\begin{aligned} -60 < -36 \\ \text{or} \\ -36 > -60 \end{aligned}$$

Question 04

Two of the lowest temperatures ever recorded in the United States are:

- -79.8°F in Prospect Creek Camp, Alaska
- -69.7°F in Rogers Pass, Montana

Enter an inequality that compares these two temperatures.

$$\begin{aligned} -79.8 < -69.7 \\ \text{or} \\ -69.7 > -79.8 \end{aligned}$$